IBM Security zSecure

Messages Guide

SC27-5643-08

Note

Before using this information and the product it supports, read the information in "Notices" on page 779.

July 2021

This edition applies to version 2, release 5, modification 0 of IBM® Security zSecure products and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this publication

This guide contains the messages and return codes that you might receive when using the IBM Security zSecure 2.5.0 products. It provides explanations for these messages and errors. The information in this guide that applies to zSecure Manager for RACF® z/VM® applies to version 1.11.2 of that product.

The guide includes the following information:

- An introduction to the zSecure products and a description of what each product does
- Lists of the messages and errors and their severity levels
- An explanation for each individual message
- Support information

This guide is intended for the system administrators who are responsible for managing and troubleshooting the zSecure products. Readers must be familiar with the zSecure product concepts and commands.

zSecure documentation

The IBM Security zSecure Suite and IBM Security zSecure Manager for RACF z/VM libraries consist of unlicensed and licensed publications. This section lists both libraries and instructions to access them.

Unlicensed zSecure publications are available at IBM Documentation for IBM Security zSecure Suite (z/OS) or IBM Security zSecure Manager for RACF z/VM. For instructions to obtain the zSecure 2.5.0 licensed publications, see Obtain licensed documentation.

Obtain licensed documentation

The unlicensed zSecure 2.5.0 documentation is publicly available at IBM Documentation for IBM Security zSecure Suite. The licensed documentation is available to zSecure customers only. This document describes how to request access to the licensed documentation.

The zSecure 2.5.0 licensed documentation is available at IBM Security zSecure Suite Library.

To access the zSecure 2.5.0 licensed documentation, you must sign in to the IBM Security zSecure Suite Library with your IBM ID and password. If you do not see the licensed documentation, your IBM ID is probably not yet registered. Send a mail to zDoc@nl.ibm.com to register your IBM ID. Provide your organization's client name and number, as well as your own name and IBM ID. If you do not yet have an IBM ID, you can Create an IBM account. You will receive confirmation of registration by mail.

IBM Security zSecure Suite library

The IBM Security zSecure Suite library consists of unlicensed and licensed publications.

Unlicensed zSecure publications are available at IBM Documentation for IBM Security zSecure Suite (z/OS). Licensed publications are available to zSecure customers only. To obtain the licensed publications, see “Obtain licensed documentation” on page vii. Licensed publications have a form number that starts with L; for example, LC27-6533.

The IBM Security zSecure Suite library consists of the following publications:

- *About This Release* includes release-specific information as well as some more general information that is not zSecure-specific. The release-specific information includes the following:
  - *What's new*: Lists the new features and enhancements in zSecure 2.5.0.
  - *Release notes*: For each product release, the release notes provide important installation information, incompatibility warnings, limitations, and known problems for the IBM Security zSecure products.

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  - *Documentation*: Lists and briefly describes the zSecure Suite and zSecure Manager for RACF z/VM libraries and includes instructions for obtaining the licensed publications.
  - *Related documentation*: Lists titles and links for information related to zSecure.
  - *Support for problem solving*: Solutions to problems can often be found in IBM knowledge bases or a product fix might be available. If you register with IBM Software Support, you can subscribe to IBM's weekly email notification service. IBM Support provides assistance with product defects, answers frequently asked questions, and helps to resolve problems.
- *zSecure CARLa-Driven Components Installation and Deployment Guide*, SC27-5638

  Provides information about installing and configuring the following IBM Security zSecure components:
  - IBM Security zSecure Admin
  - IBM Security zSecure Audit for RACF, CA-ACF2, and CA-Top Secret
  - IBM Security zSecure Alert for RACF and CA-ACF2
  - IBM Security zSecure Visual
  - IBM Security zSecure Adapters for SIEM for RACF, CA-ACF2, and CA-Top Secret
- *zSecure Admin and Audit for RACF Getting Started* , GI13-2324

  Provides a hands-on guide introducing IBM Security zSecure Admin and IBM Security zSecure Audit product features and user instructions for performing standard tasks and procedures. This manual is intended to help new users develop both a working knowledge of the basic IBM Security zSecure Admin and Audit for RACF system functionality and the ability to explore the other product features that are available.
- *zSecure Admin and Audit for RACF User Reference Manual*, LC27-5639 (licensed)

  Describes the product features for IBM Security zSecure Admin and IBM Security zSecure Audit. Includes user instructions to run the admin and audit features from ISPF panels. This manual also provides troubleshooting resources and instructions for installing the zSecure Collect for z/OS® component. This publication is available to licensed users only.
- *IBM Security zSecure Admin and Audit for RACF Line Commands and Primary Commands Summary*, SC27-6581

  Lists the line commands and primary (ISPF) commands with very brief explanations.
- *zSecure Audit for ACF2 Getting Started*, GI13-2325

  Describes the zSecure Audit for CA-ACF2 product features and provides user instructions for performing standard tasks and procedures such as analyzing Logon IDs, Rules, Global System Options, and running reports. The manual also includes a list of common terms for those not familiar with ACF2 terminology.
- *zSecure Audit for ACF2 User Reference Manual*, LC27-5640 (licensed)

  Explains how to use zSecure Audit for CA-ACF2 for mainframe security and monitoring. For new users, the guide provides an overview and conceptual information about using CA-ACF2 and accessing functionality from the ISPF panels. For advanced users, the manual provides detailed reference information, troubleshooting tips, information about using zSecure Collect for z/OS, and details about user interface setup. This publication is available to licensed users only.
- *zSecure Audit for Top Secret User Reference Manual*, LC27-5641 (licensed)

  Describes the zSecure Audit for CA-Top Secret product features and provides user instructions for performing standard tasks and procedures. This publication is available to licensed users only.
- *zSecure CARLa Command Reference*, LC27-6533 (licensed)

  Provides both general and advanced user reference information about the CARLa Auditing and Reporting Language (CARLa). CARLa is a programming language that is used to create security administrative and audit reports with zSecure. The *zSecure CARLa Command Reference* also provides detailed information about the NEWLIST types and fields for selecting data and creating zSecure reports. This publication is available to licensed users only.
- *zSecure Alert User Reference Manual*, SC27-5642

Explains how to configure, use, and troubleshoot IBM Security zSecure Alert, a real-time monitor for z/OS systems protected with the Security Server (RACF) or CA-ACF2.

- *zSecure Command Verifier User Guide*, SC27-5648

  Explains how to install and use IBM Security zSecure Command Verifier to protect RACF mainframe security by enforcing RACF policies as RACF commands are entered.

- *zSecure CICS Toolkit User Guide*, SC27-5649

  Explains how to install and use IBM Security zSecure CICS® Toolkit to provide RACF administration capabilities from the CICS environment.

- *zSecure Messages Guide*, SC27-5643

  Provides a message reference for all IBM Security zSecure components. This guide describes the message types associated with each product or feature, and lists all IBM Security zSecure product messages and errors along with their severity levels sorted by message type. This guide also provides an explanation and any additional support information for each message.

- *zSecure Visual Client Manual*, SC27-5647

  Explains how to set up and use the IBM Security zSecure Visual Client to perform RACF administrative tasks from the Windows-based GUI.

Program directories are provided with the product tapes. You can also download the latest copies from Program Directories.

- *Program Directory: IBM Security zSecure CARLa-Driven Components*, GI13-2277

  This program directory is intended for the systems programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of IBM Security zSecure CARLa-Driven Components: Admin, Audit, Visual, Alert, and the IBM Security zSecure Adapters for SIEM.

- *Program Directory: IBM Security zSecure CICS Toolkit*, GI13-2282

  This program directory is intended for the systems programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of IBM Security zSecure CICS Toolkit.

- *Program Directory: IBM Security zSecure Command Verifier*, GI13-2284

  This program directory is intended for the systems programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of IBM Security zSecure Command Verifier.

- *Program Directory: IBM Security zSecure Admin RACF-Offline*, GI13-2278

  This program directory is intended for the systems programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of the IBM Security zSecure Admin RACF-Offline component of IBM Security zSecure Admin.

- Program Directories for the zSecure Administration, Auditing, and Compliance solutions:
  - 5655-N23: *Program Directory for IBM Security zSecure Administration*, GI13-2292
  - 5655-N24: *Program Directory for IBM Security zSecure Compliance and Auditing*, GI13-2294
  - 5655-N25: *Program Directory for IBM Security zSecure Compliance and Administration*, GI13-2296

IBM Security zSecure Manager for RACF z/VM library

The IBM Security zSecure Manager for RACF z/VM library consists of unlicensed and licensed publications.

Unlicensed publications are available at IBM Documentation for IBM Security zSecure Manager for RACF z/VM. Licensed publications are available to zSecure customers only. To obtain the licensed publications, see Obtain a licensed publication. Licensed publications have a form number that starts with L; for example, LCD7-5373.

The IBM Security zSecure Manager for RACF z/VM library consists of the following publications:

- *IBM Security zSecure Manager for RACF z/VM Release Information*

  For each product release, the Release Information topics provide information about new features and enhancements, incompatibility warnings, and documentation update information. You can obtain the most current version of the release information from the zSecure for z/VM documentation website at IBM Documentation for IBM Security zSecure Manager for RACF z/VM.
- *IBM Security zSecure Manager for RACF z/VM: Installation and Deployment Guide, SC27-4363*

  Provides information about installing, configuring, and deploying the product.
- *IBM Security zSecure Manager for RACF z/VM User Reference Manual, LC27-4364*

  Describes how to use the product interface and the RACF administration and audit functions. The manual provides reference information for the CARLa command language and the SELECT/LIST fields. It also provides troubleshooting resources and instructions for using the zSecure Collect component. This publication is available to licensed users only.
- *IBM Security zSecure CARLa Command Reference*, LC27-6533

  Provides both general and advanced user reference information about the CARLa Auditing and Reporting Language (CARLa). CARLa is a programming language that is used to create security administrative and audit reports with zSecure. The *zSecure CARLa Command Reference* also provides detailed information about the NEWLIST types and fields for selecting data and creating zSecure reports. This publication is available to licensed users only.
- *IBM Security zSecure Documentation CD*, LCD7-5373

  Supplies the IBM Security zSecure Manager for RACF z/VM documentation, which contains the licensed and unlicensed product documentation.
- *Program Directory for IBM Security zSecure Manager for RACF z/VM, GI11-7865*

  To use the information in this publication effectively, you must have some prerequisite knowledge that you can obtain from the program directory. The *Program Directory for IBM Security zSecure Manager for RACF z/VM* is intended for the systems programmer responsible for installing, configuring, and deploying the product. It contains information about the materials and procedures associated with installing the software. The Program Directory is provided with the product tape. You can also download the latest versions from IBM Documentation for IBM Security zSecure Manager for RACF z/VM.

Related documentation

This section includes titles and links for information related to zSecure.

See:	For:
IBM Security zSecure Suite	All zSecure unlicensed documentation. For information about what is specific for a release, system requirements, incompatibilities and so on, select the version of your choice and *About This Release*; see "What's new" and "Release notes". To obtain the zSecure licensed documentation, see Obtain licensed documentation.
IBM Security Identity AdaptersIBM Security Verify Governance Application Adapters	Information about the IBM Security Verify Governance Application Adapters.
IBM Documentation for z/OS	Information about z/OS. Table 1 on page xi lists some of the most useful publications for use with zSecure.
IBM Z® Multi-Factor Authentication documentation	Information about IBM Z Multi-Factor Authentication (MFA) documentation.

See:	For:
z/OS Security Server RACF publications	Information about z/OS Security Server Information about z/OS Security Server Resource Access Control Facility (RACF). For information about the RACF commands, and the implications of the various keywords, see the *z/OS Security Server RACF Command Language Reference* and the *z/OS Security Server RACF Security Administrator's Guide*. You can find information about the various types of events that are recorded by RACF in the *z/OS Security Server RACF Auditor's Guide*.
QRadar® DSM Configuration Guide	For more information about QRadar, see the IBM QRadar Security Intelligence Platform on IBM Documentation.
IBM CICS Transaction Server for z/OS documentation	Information about CICS Transaction Server for z/OS.
IBM MQ	Information about IBM MQ.
IBM Z NetView®	Information about IBM Z NetView.
CA-ACF2 documentation	Information about ACF2 and the types of events that can be reported using zSecure Audit for ACF2.
CA-Top Secret for z/OS documentation	Information about Top Secret and the types of events that can be reported using zSecure Audit for Top Secret.

Table 1. Some of the most useful z/OS publications for use with zSecure

Manual Title	Order Number
z/OS Communications Server: IP Configuration Guide	SC27-3650
z/OS Communications Server: IP Configuration Reference	SC27-3651
z/OS Cryptographic Services ICSF Administrator's Guide	SC14-7506
z/OS Cryptographic Services ICSF System Programmer's Guide	SC14-7507
z/OS Integrated Security Services Enterprise Identity Mapping (EIM) Guide and Reference	SA23-2297
z/OS ISPF Dialog Developer's Guide and Reference	SC19-3619
z/OS MVS Initialization and Tuning Reference	SA23-1380
z/OS MVS Programming: Assembler Services Reference, Volume 1 (ABE-HSP)	SA23-1369
z/OS MVS Programming: Assembler Services Reference, Volume 2 (IAR-XCT)	SA23-1370
z/OS MVS™ Programming: Authorized Assembler Services Reference, Volume 1 (ALE-DYN)	SA23-1372
z/OS MVS System Codes	SA-0665
z/OS MVS Programming: Callable Services for High Level Languages	SA23-1377
z/OS MVS System Commands	SA38-0666
z/OS MVS System Management Facilities (SMF)	SA38-0667
z/OS Security Server RACF Security Administrator's Guide	SA23-2289
z/OS Security Server RACF Auditor's Guide	SA23-2290

Table 1. Some of the most useful z/OS publications for use with zSecure (continued)	
Manual Title	**Order Number**
z/OS Security Server RACF Command Language Reference	SA23-2292
z/OS Security Server RACF Macros and Interfaces	SA23-2288
z/OS Security Server RACF Messages and Codes	SA23-2291
z/OS Security Server RACF System Programmer's Guide	SA23-2287
z/OS UNIX System Services Messages and Codes	SA23-2284
z/OS UNIX System Services Planning	GA32-0884
z/Architecture® Principles of Operation	SA22–7832

For information about z/VM, see IBM z/VM documentation or see www.vm.ibm.com/library.

Accessibility

Accessibility features help users with a physical disability, such as restricted mobility or limited vision, to use software products successfully. With this product, you can use assistive technologies to hear and navigate the interface. You can also use the keyboard instead of the mouse to operate all features of the graphical user interface.

Technical training

For technical training information, see the IBM Training and Skills website at IBM Training.

For a list of formal customer education for IBM Security zSecure, see the zSecure Course Offerings. This PDF file is part of the zSecure - Learning information, which also includes CARLa self studies and sample applications.

Support information

IBM Support provides assistance with code-related problems and routine, short duration installation or usage questions. You can directly access the IBM Software Support site at www.ibm.com/mysupport.

Statement of Good Security Practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, misappropriated, or misused or can result in damage to or misuse of your systems, including for use in attacks on others. No IT system or product should be considered completely secure and no single product, service, or security measure can be completely effective in preventing improper use or access. IBM systems, products, and services are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM DOES NOT WARRANT THAT ANY SYSTEMS, PRODUCTS, OR SERVICES ARE IMMUNE FROM, OR WILL MAKE YOUR ENTERPRISE IMMUNE FROM, THE MALICIOUS OR ILLEGAL CONDUCT OF ANY PARTY.

Chapter 1. Introduction

The IBM Security zSecure suite is a collection of products that improve the efficiency and maintainability of the mainframe security environment. These products can be used alone or in conjunction with the other zSecure products. The main products are zSecure Admin and zSecure Audit. The IBM Security zSecure products provide security, monitoring, auditing and alerting functionality on both the z/OS and z/VM platforms.

zSecure messages are usually categorized by a three-character prefix to identify the associated programs or components. For example, the CKF prefix identifies messages issued by the zSecure Collect for z/OS component, and CKG messages are issued by the CKGRACF program. This guide is organized by message prefixes that are associated with their programs or components.

The following sections provide release information for zSecure 2.5.0 and zSecure Manager for RACF z/VM 1.11.2, an overview of the zSecure products, and the types of messages that can be generated.

Release information

The zSecure release information includes details on new features and enhancements, incompatibility warnings, and documentation update information.

You can find the latest versions of "What's New" and "Release Notes®" in *About This Release* on IBM Documentation for IBM Security zSecure Suite.

Overview of the zSecure products

The IBM Security zSecure suite includes the following products.

zSecure Admin
Provides a user-friendly layer in the form of an ISPF interface on top of RACF which enables security administration, user management and compliance management on the mainframe. It allows you to enter and process administrative commands more quickly, generate custom reports, and thoroughly clean up databases. Additionally, zSecure Admin provides administration authority in a more granular fashion so that users are only granted the specific amount of administration authority required for their job.

zSecure Audit
Compliance and audit solution that enables you to automatically analyze and report on security events and detect security exposures. It provides standard and customized reports that warn of policy exceptions or violations. This component is available for RACF, ACF2, and Top Secret.

zSecure Alert
Mainframe audit solution that enables you to detect and report security events and exposures on z/OS, Db2®, UNIX, RACF, and ACF2. IBM Security zSecure Alert is a real-time monitor, issuing alerts for security-related system events at the time they occur.

zSecure Command Verifier
Mainframe policy enforcement solution adds granular controls for RACF to help prevent errors and noncompliant commands. This product runs in the background to verify your RACF commands against company policies and procedures. If the command does not comply with the policy, it is blocked or fixed. It can run independently from the other zSecure components.

zSecure Visual
zSecure Visual client is a Windows-based graphical user interface for RACF administration. Using the Visual Server product establishes a secure connection directly with RACF to enable decentralized administration from a Windows environment.

zSecure CICS Toolkit
This component enables you to do most RACF administration from a CICS environment instead of TSO.

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zSecure Adapters for SIEM
This component enables you to collect mainframe security data and send it to a Security Information and Event Management (SIEM) solution, such as the IBM SIEM product, to get an enterprise-wide view.

zSecure Manager for RACF z/VM
This product simplifies the process of managing mainframe security and enables you to quickly identify and fix problems in RACF on z/VM. It automates recurring and time-consuming security tasks.

zSecure message types

zSecure messages are categorized by an alphanumeric prefix. Each prefix refers to the zSecure product function which the messages in that category are associated with. The following table lists the available zSecure message prefixes, their related functions, and the products that can display these messages:

Table 2. zSecure product messages

Message Prefix	Function	Product	Reference
CKF	zSecure Collect for z/OS (CKFCOLL)	IBM Security zSecure Admin IBM Security zSecure Audit IBM Security zSecure Alert IBM Security zSecure Adapters for SIEM	Chapter 2, "CKF Messages," on page 5
CKG	CKGRACF program	IBM Security zSecure Admin IBM Security zSecure Visual	Chapter 3, "CKG messages," on page 93
CKN	zSecure Server (network node)	IBM Security zSecure Admin IBM Security zSecure Audit IBM Security zSecure Visual	Chapter 4, "CKN messages," on page 137
CKR	CARLa engine	IBM Security zSecure Admin IBM Security zSecure Audit IBM Security zSecure Visual IBM Security zSecure Alert IBM Security zSecure Manager for RACF z/VM IBM Security zSecure Adapters for SIEM	Chapter 6, "CKR messages," on page 183
CKV	zSecure Collect for z/VM (CKVCOLL)	IBM Security zSecure Manager for RACF z/VM	Chapter 7, "CKV messages," on page 541
CKX	zSecure Command Execution Utility (CKX) or zSecure Command Logger (CKXLOG)	IBM Security zSecure Admin IBM Security zSecure Manager for RACF z/VM	Chapter 8, "CKX messages," on page 551
CKQ	CKQEXSMF program running in the zSecure SMF Collector address space	IBM Security zSecure Audit IBM Security zSecure Adapters for SIEM	Chapter 5, "CKQ messages," on page 179
CQT	Module CQTPMSGE	IBM Security zSecure CICS Toolkit	Chapter 9, "CQT messages," on page 577
C2P	zSecure Alert address space, Predefined RACF alert, Predefined ACF2 alert, Installation defined alert, or zSecure RACF Access Monitor	IBM Security zSecure Alert or IBM Security zSecure Admin	Chapter 10, "C2P messages," on page 597
C2R	National Language Support (NLS) table processor C2RIMENU, XSLT stylesheet, or the installation customization REXX exec C2REUPDR	IBM Security zSecure	Chapter 11, "C2R messages," on page 675
C2RU	Windows user interface	IBM Security zSecure Visual Client	Chapter 12, "C2RU messages," on page 689
C2RW	Communication between the mainframe components and the Windows client	IBM Security zSecure Visual Server Server	Chapter 13, "C2RW messages," on page 697
C2X	zSecure RACF Exit Activator component C2XACTV	IBM Security zSecure Admin IBM Security zSecure Audit IBM Security zSecure Alert	Chapter 14, "C2X messages," on page 699

Table 2. zSecure product messages (continued)

Message Prefix	Function	Product	Reference
C4R	Command Verifier, CKGRACF, or Visual client	IBM Security zSecure Command Verifier IBM Security zSecure Admin IBM Security zSecure Visual Client	Chapter 15, “C4R messages,” on page 713
B8R	zSecure Admin RACF-Offline functions	IBM Security zSecure Admin	Chapter 16, “B8R messages,” on page 745
ICH and IRR	zSecure Admin RACF-Offline	RACF	Chapter 17, “ICH and IRR messages,” on page 763
BB	Visual client as it is logging on to the Visual server	IBM Security zSecure Visual	Chapter 18, “BB messages,” on page 765
Visual log messages	Visual client and server	IBM Security zSecure Visual	Chapter 19, “zSecure Visual log messages,” on page 767
C	Installation or configuration	IBM Security zSecure Visual Client	Chapter 20, “Other error messages,” on page 773
LC	Communication layer between the client user interface and the c2ragent component		
EPR	Communication layer between the engine and user interface components of the Visual client		

The following chapters of this guide provide a listing of each message prefix along with a detailed explanation and possible solutions.

Chapter 2. CKF Messages

zSecure Collect is a component of these products:

- zSecure Admin
- zSecure Audit
- zSecure Alert
- zSecure Adapters for SIEM
- zSecure Manager for RACF z/VM

zSecure Collect gathers system data and stores that data in CKFREEZE data sets. It issues messages with the CKF prefix for the z/OS products and the CKV prefix for the z/VM product. For example, if you are using zSecure Admin and Audit you might see message number CKF0001. The same message issued by zSecure Manager for RACF z/VM has the number CKV001I. zSecure Collect messages shared between the z/OS and z/VM platforms are documented in this section. zSecure Collect messages specific to the z/VM product are documented in Chapter 7, “CKV messages,” on page 541.

Each message number has the form CKF*nnnn* or CKV*nnn*I where *nnnn* or *nnn* is the message number. In addition to the message identifier, the program also issues a severity code. This code is derived from the program completion code that indicates the highest severity code encountered.

Note: The return code from the program is normally set to the maximum value of the return codes from any messages. If NOWARNINGRC is coded, the 04 return code from the program is reset to 00.

The severity code can contain any of the following values:

00
Normal message, giving status or summary information.

04
Unusual condition found that may or may not result in missing information.

08
Unusual condition found that causes information that was requested to be missing. Subsequent processing may be impacted.

12
Unexpected condition during zSecure Collect processing.

16
Syntax error in command input or entitlement problem.

24
Internal error or other unexpected and unsupported condition in zSecure Collect detected.

28
Internal error or other unexpected and unsupported condition in zSecure Collect detected. A user abend will be issued to protect your system and force a dump.

In the rest of this section, all error messages are listed with an explanation and possible actions to take. Messages are included in subsections, grouped by the hundred message-numbers. To locate documentation for a specific message, search this documentation for the message number, CKF970I or CKV970I, for example.

Note: For zSecure 2.4.0, most of the CKF messages were renamed from the previous format (CKF*nnn*I) to the current format (CKF*nnnn*).

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CKF messages from 0 to 99

CKF0000 **Control block *name* omitted, because of *reason***

Explanation

This message is issued if the program fails to find an OS control block. This is not necessarily a problem, rather it notes the absence of some information which might have been useful, but which may not be available in your OS version at all. The name of the control block is given by *name*, the control block ID. The exact nature of the failure is given by *reason*, which may be:

invalid block ID
The control block ID is not found in its proper place.

protection exception
A protection exception occurred during the walk through the pointer chain leading to the control block.

invalid length
A protection exception occurred during access to the last-to-be-used byte of the control block.

nil pointer
The pointer to the control block was found to contain binary zeros.

This message may very well occur after conversion to a new release of the OS. The resulting CKFREEZE file may still be usable for your purposes.

Problems indicated with missing control block *names* include the following:

STGS
RMF is not active

EDT
device type information not retrieved

IODN
LCU and device number table missing (also RMF)

IOCH
Channel information missing (also RMF)

LPBT
Logical Path Block Table missing (SRM SP4)

RCVT
No RACF in system

SSVT
This may be seen if RMM is not active

Severity

04

CKF0001 **No generic unit name for *devclass* unit *dev* devtype *devtype***

Explanation

This message indicates that your OS could not give a generic unit name for the device on address *dev*, and the device type (given as 8 hex digits) is also not available in the hardcoded device table in zSecure Collect. The device class is *devclass*. This is not a problem; it just warns you to expect question marks in the unit name fields.

Severity

04

CKF0002 **LOCATE return code *rc* on *type* data set *datasetname***

Explanation

This message indicates that the data set *datasetname* (which is supposed to be a *type* data set) could not be found by the LOCATE service of MVS. The return code returned by the service is *rc*. The volume will be left blank or zero in the CKFREEZE file.

Severity

04

CKF0003 **DEVTYPE RC nonzero for unit *dev***

Explanation

The DEVTYPE SVC used to collect information on unit *dev* returned a nonzero return code. This may cause the device type record in the CKFREEZE file to be unusable.

Severity

04

CKF0004 **Closed PDSE *dev volume dsname* read *decnum* bytes in *decnum* members**

Explanation

This informational message indicates the amount of data read from the indicated PDSE. It is issued only if the INFO option was selected.

Severity

00

CKF0005 **Please ignore CMD rejects**

Explanation

This message is displayed on the operator console to warn the operator that no action should be taken on the burst of IOS000I or IEA000I messages specifying a CMD reject on 3350 DASD devices. It is removed immediately after the program has finished processing the 3350 range of devices. It is displayed during authorized operation only.

CKF0006 **CVAFDIR *type* error, R15=*rc*, CVSTAT=*code* on device *dev* volume *volume***

Explanation

During access to the VTOC index, the CVAFDIR *type* (READ or RLSE) service returned a nonzero return code *rc* accompanied by CVAF return code *code*. See the appropriate IBM manual for the meaning of these codes. If the type of access was READ, the VTOC was read completely without taking into account the used DSCB map in the VTOC index.

Severity

12

CKF0007 **Task is not APF authorized - only non-protected information can be collected**

Explanation

This message alerts you to the fact that the program could not obtain authorization. For additional information, see the section *Authorized or unauthorized?* in the zSecure Collect documentation available in the user reference manual for your zSecure product.

Severity

00

CKF0008 **Number of DASD devices interrogated: *number1* (non-shared *number2*)**

Explanation:
This message gives the number of devices that have been allocated and interrogated. *number2* indicates the devices generated as non-shared. Only the non-shared device VTOC/VVDS are to be fully collected if a SHARED=NO request is done.

Severity

00

CKF0009 **Number of DSCB entries copied: *nn***

Explanation

This message gives the number of Data Set Control Blocks copied from VTOCs to the CKFREEZE file. It is somewhat larger than the number of data sets on the interrogated devices, because some extents are described in separate DSCBs for the same data set. Note that only used DSCBs are copied.

Severity

00

CKF0010 **Number of VVDS data sets processed: *nn***

Explanation

This message gives the number of VVDS data sets for which an OPEN was attempted. Generally, this number is smaller than the number of DASD devices interrogated, because not every volume needs to have a VVDS. For SHARED=NO, that will include non-shared DASD devices as well as shared DASD device that contain specific configuration information that is applicable to the system. By including INFO with SHARED=NO, CKF0603 or CKF0604 messages are issued to detail which data sets.

Severity

00

CKF0011 **Number of NVR/VVR entries copied: *nn***

Explanation

This messages gives the number of VVRs (VSAM volume records) and NVRs (non-VSAM volume records) copied to the CKFREEZE file. The number of VVRs is roughly two times the number of VSAM data sets on the processed volumes. NVRs are associated with SMS managed non-VSAM data sets.

Severity

00

CKF0012 **Non-4K block size for VVDS not supported - volume *volume***

Explanation

This message indicates a VVDS was encountered on volume *volume* with a block size other than 4KB. This is not supported by this release of zSecure Collect. The VVDS has a 4KB block size if it has been made automatically on 3330/3350/3380/3390 DASD with at least DFP 1.0 through DFP 3.3. If you encounter this message, then the VVDS information for the specified volume will not be read, and you will only see component names mentioned in the VTOC, not the cluster names.

Severity

12

CKF0014 **DASD Device *dev* online but not ready**

Explanation

This message indicates the device number *dev* was included in the configuration because it was online, but could not be interrogated because it was not ready. Instead of scheduling an I/O request, zSecure Collect has skipped the device. This may result in incomplete information for your purpose.

Severity

04

CKF0015 **SYSEVENT DONTSWAP failed, return code hex *rc***

Explanation

This message indicates that zSecure Collect failed to make itself nonswappable. As a result, no authorized I/Os can be scheduled and no cache size information and device level cache disablement information will be collected for 3880 devices. Neither will guaranteed device path I/O be used to eliminate WAITs.

Severity

08

CKF0016 **Unsupported *control block* level *hexnum* for *volume dsname***

Explanation

This message indicates that a control block of an unsupported layout was returned by Directory Entry Services for the indicated PDSE. If control block is "DESB", checksum and IDR processing are skipped for the remainder of the PDSE; if it is "SMDE", processing is skipped for a single member only.

Severity

08

CKF0017 **Path *ch* to *type* device *dev volume* not operational**

Explanation

This message indicates that the installed physical channel (pre-XA) or channel path (XA) *ch* to the selected online and ready device number *dev* with volume serial *volume* was not operational. If this is not your normal working configuration, then you are measuring a reduced configuration with a higher contention than normal. Alternatively this may point at running MVS/370 under VM.

Severity

04

CKF0018 ***parameter* Parameter invalid in non-XA system.**

Explanation

The *parameter* specified is not applicable to pre-XA systems.

Severity

12

CKF0019 **BFLHFCHN invalid for *type* device *dev volser*; VTOC processing skipped**

Explanation

The forward chain pointer of next buffer list (BFLHFCHN) is not valid; i.e. no (more) VTOC information could be obtained for device *dev.*

Severity

12

CKF0020 **Path information not gotten for unsupported device type *type*, device *dev volume***

Explanation

This message indicates that you requested configuration information for a device type *type*, which is not currently supported by zSecure Collect. Requests for support for other DASD types than 3350, 3380, 3390, and compatibles should be directed to IBM Software Support.

Severity

08

CKF0021 **Storage director IDs unavailable for *type* device *dev volume* because unauthorized**

Explanation

This message indicates that physical storage director IDs for device number *dev* with volume serial *volume* can only be extracted by authorized programs because its device type is *type*. The result is missing storage director information which may prevent an automatic deduction of the configuration.

Severity

08

CKF0022 **Storage director ID not returned by IOS for path *ch* to *type* device *dev volume***

Explanation

This message indicates that the IOS version you have fails to return the complete sense information needed to find the storage director ID. The failure occurred on path *ch* to device number *dev* with volume serial *volume*. The device type is *type*. This message is issued for only one path, because zSecure Collect assumes the same failure will occur on the other paths to the device, and does not attempt I/O on these paths.

Severity

08

CKF0023 **String controller ID not returned by IOS for path *ch* to *type* device *dev volume***

Explanation

This message indicates that the controller ID was not found in its proper place. This message is not issued if the storage director ID is also missing. Currently no software level is known which omits only controller information. Because of redundancy of information, you will probably not notice any effect on the reports.

Severity

08

CKF0024 **Path information still incomplete after *bs* tries on *type* device *dev volume*: missing at least path *ch***

Explanation

This message indicates that after *bs* tries zSecure Collect still did not succeed in scheduling I/O along all paths to a device. This message only occurs if you specified or implied WAIT=NO and PATH=YES. The resulting CKFREEZE information will be incomplete.

Severity

08

CKF0025 **Path information still incomplete after *bn bs*-try bursts on *type* device *dev volume*: missing at least path *ch***

Explanation

This message indicates that after *bn* bursts of *bs* tries with a 0.5 second WAIT interval between the bursts, zSecure Collect still did not succeed in scheduling I/O along all paths to a device. This may happen on very busy shared DASD systems and on very empty pre-XA systems that do not have channel rotation. The number of bursts, burst size, and inter-burst wait time can be adjusted by the appropriate BURST*xxxx* parameters.

Severity

08

CKF0026 **Unexpected IOS return code *rc* hex, CSW status *hhhh* sense *ssss* on path *ch* to *cccc/mm* for *type/mm* device *dev volume***

Explanation

This message indicates an unexpected error during EXCP processing. The IOS return codes are documented in the IBM debugging handbooks (IOB/IOSB) and in the appropriate DFP manuals. The *cccc/mm* and *type/mm* are the control unit type / model and unit type / model, respectively, as returned

by the SenseId CCW. The resulting CKFREEZE file will probably be incomplete.

Severity

12

CKF0026 **Unexpected IOS return code *rc* hex, CSW status *hhhh* sense *ssss* on path *ch* to 3350 device *dev volume***

Explanation

This message indicates an unexpected error during EXCP processing. The IOS return codes are documented in the IBM debugging handbooks (IOB/IOSB) and in the appropriate DFP manuals. The resulting CKFREEZE file will probably be incomplete.

Severity

12

CKF0027 **Invalid DSCB FMTID=X'*xx*' on *type* device *dev volser* CCHHR=*0000000000* DSN=*dsname***

Explanation

The VTOC for the indicated volume contained an invalid DSCB, with format X'*xx*'. The only valid types are X'F0' .. X'F6'. The DSCB record is included in the CKFREEZE file, but will not used. The *dsname* reported is the data set name field (key area) of the DSCB in error. This has no consequences for MVS if the DSCB is not in use according to the space map.

Severity

04

CKF0028 **SVC 99 RC=*n* DAIRFAIL code *xxxx xxxx* on *dev volser***

Explanation

The device/volser may be absent. This message will be followed by an IKJ-message on the problem. The error occurred in dynamic allocation or unallocation of a VTOC or data set for device *dev*. This message has continuation lines detailing the individual text units contents after SVC 99 (DYNALLOC) completion.

Severity

08

CKF0029 **DASD Device *dev* online, but not mounted**

Explanation

Device *dev* was not mounted public, storage or private, zSecure Collect does not attempt to allocate the VTOC and VVDS data sets.

Severity

04

CKF0030 **OPEN abend *xxx-rc* on device *dev* volume *volser* for *dsname***

Explanation

The data set named *dsname* could not be opened for input on device *dev*. The VTOC is indicated with ** VTOC volser **. If the error occurs for a VTOC, both the VTOC and the VVDS for the volume will be missing. If the error occurs for a VVDS, the VTOC information has been read properly. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0031 **CKFCOLL runs on *sid* with *osname oslevel* DFSMS *release* JES2 *release* CPU model *model***

CKF0031 ***site-specific identification string* running on *where* CPU-id *CPUid***

CKF0031 **Last record written: ID=*hh*, contents start *hexstring***

Explanation

zSecure Collect abended while running on the indicated system (SMF id) and operating system release levels, under the focus and Products ids shown, on the CPU indicated, after writing the indicated record (this line is omitted if no records had been written yet).

Severity

00

CKF0032 **Number of record(s) truncated: *nn***

Explanation

This message indicates that records were truncated on output. You might try increasing the record length,

if problems arise. However, for most purposes the information needed is located at the beginning of the BCS records, and these truncated records therefore do not usually present a problem.

Severity

08

CKF0033 **Module IGG019X1 missing, no configuration info for 3350 devices possible**

Explanation

This message indicates that the appendage IGG019X1 could not be found.

Severity

08

CKF0034 **[Before MONITOR interval]**
CKFCOLL used *ss.t* CPU seconds, *ss* elapsed seconds, and collected *m.kkk* MB (*m.kkk* MB/s)
[Error trap count is *number*]
Written *rectotal* records to *ddname volume dsname*
Region requested *r,rrr*KB, granted *g,ggg+g,ggg*KB max used in jobstep *u,uuu+u,uuuu*KB

Explanation

This message details the TCB time used as well as the wall clock time. In addition, the amount of data collected (written to the CKFREEZE file) is summarized as well as the effective data rate. The effective data rate will be misleadingly low if CHECK=Y was specified, since that is a data reduction function. It is normal that the error trap count number has a non-zero value. The message is included for diagnostic purposes only. If MONITOR has been requested, then this message is issued twice, once before the monitoring starts, and once at the end of the program. The message at the end of the program also shows the region requested, granted, and used, both below and above the 16MB line.

Severity

00

CKF0035 **Number of PDS directories processed: *nn***

Explanation

This messages gives the number of PDS (Partition Data Set) directories copied to the CKFREEZE file.

Severity

00

CKF0036 **Information omitted for *devn volser*, SAF READ access required on FACILITY STGADMIN.IFG.READVTOC.*volser* if non-APF**

Explanation

This message indicates that an attempt to read the VTOC resulted in an system abend 300, reason code 6, which means that name hiding was active, and you were not allowed to read the VTOC. In a RACF system, name hiding is activated with the command SETROPTS MLNAMES. If name hiding is active, a SAF resource check is done against the resource name indicated.

Severity

04

CKF0037 **Unexpected *abend condition* dev *devn volser* during *action***

Explanation

This message indicates that an abend occurred during EXCP for a channel program attempting to perform the action indicated. If this message occurs, to see if this can be prevented, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKF0038 **Unexpected *abend* during allocate of *dsn***

Explanation

This message indicates a failure to allocate (and possibly perform an automatic recall of) a VSAM cluster. An abend was encountered. The cluster will be skipped. If you think the program should have succeeded, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0039 **Running *OS version* DFSMS *version* JES*n version* VTAM® *version secp version* RMF *version* TSO *version* HSM *version* [under VM/*version release*]**

Explanation

This message indicates release levels or status of the software that zSecure Collect extracts information from. Instead of a version number, the keyword *inactive*, *active*, or *unknown* may be present to indicate respectively that the product is installed but not active, active but release could not be obtained, or control blocks present but of unsupported layout. *secp* is the detected security product, it can be RACF, ACF2, or TSS.

Severity

00

CKF0040 **Unexpected *abend* during LISTCAT of *dsn***

Explanation

This message indicates a failure to locate a VSAM cluster name in the catalog; an abend was encountered. The cluster will be skipped. If you think the program should have found it, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0041 **Number of catalogs processed: *nn***

Explanation

This message gives the number of ICF and HSM catalogs for which an OPEN was attempted.

Severity

00

CKF0042 **Number of BCS records copied: *nn***

Explanation

This messages gives the number of BCS (Basic Catalog Structure) records copied to the CKFREEZE file.

Severity

00

CKF0043 **VVDS information not collected, catalogs cannot be dumped fast**

Explanation

This message is issued if the VVDS data sets could not be accessed, but catalog processing was requested. zSecure Collect requires VVDS access to dump catalogs.

Severity

00

CKF0044 **Name of master catalog not found in CAXWA. Abend 913-0C may result for unconnected catalogs**

Explanation

This message indicates that the master catalog name or volume serial could not be determined. Consequently, it is impossible to determine which catalogs are connected. zSecure Collect will try to open all catalogs it encounters on the disks processed. This will result in abend 913-0C for each unconnected catalog.

Severity

12

CKF0045 **Master catalog volume *volume* not selected. Abend 913-0C may result for unconnected catalogs**

Explanation

This message indicates that the master catalog was not found on any of the disk volumes processed. Hence no user catalog connector information is accumulated by zSecure Collect. zSecure Collect will try to open all catalogs it encounters on the disks processed. This will result in abend 913-0C for each unconnected catalog.

Severity

08

CKF0046 **Slowdown mode invoked because noimbed and multi-volume index for *dsname***

Explanation

This message indicates that normal VSAM processing was selected for this cluster because it has a multi-volume index component that is needed because of NOIMBED.

Severity

00

CKF0047 **Data collection started on *date time* for node *nodename* sysname *sysname* sid *smfid* netid *netid* on a *manufacturer type* model *model* [MVSCP conguration id *xx*] [logical partition *LPARname*] [virtual machine *userid*] [at *sysid*] [sysplex *name*] [rrsf *RRSF_node*]**

Explanation

This message shows environmental information about the data collection process, which can be helpful during problem determination. The CKFREEZE data set includes the first line of the messages as a comment.

The first line of the message lists the various system identifiers: the JES2 node name, the GRS system name, the SMF id, and the VTAM netid.

The processor specifications shown on the second line are those returned by the CSRSI service. On older machines where that service is not yet available the type is the internal hexadecimal representation (devtype/model); for VM systems the real model byte is displayed if running APF authorized, otherwise it is FF.

On the third line, optional configuration information can be present to indicate the MVSCP configuration id, the Logical Partition name, the VM virtual machine user ID, the VM system ID (as would be displayed in the lower right corner under CMS), the SYSPLEX name, and the RRSF local node name, if any. The RRSF local node name is only shown on z/OS 2.2 and higher.

Severity

00

CKF0048 **ACB OPEN failed for *type dev volser componentname* rc=*nn*, code=*nn* cluster *clustername* *string_returned_by_operating_system* *explanation_of_known_return_codes***

Explanation

Opening the VSAM data set failed; see the return and reason codes. *type* can be any of the following:

- BCS for an ICF catalog.
- MCD for HSM MCDS.
- BCD for HSM BCDS.
- CKDS, PKDS, or TKDS for ICSF data sets.
- RMM for the DFSMS RMM control data set.

ACB OPENs for ICF catalogs are attempted only if the catalog has been defined with NOIMBED, if it has more than 16 extents on a pre-DFP V3 system, or if the run is unauthorized in a pre-DFP V3 system.

The second message line can contain any information that the operating system returns. The third message line explains known return codes.

Severity

08

CKF0049 **Internal error CKFCCHH RC=16**

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0050 **TTT Conversion fails on *reltrk* DEBNMEXT=*nnn* on *dev volser***

Explanation

This message indicates a failure to convert the indicated relative track number to an absolute cylinder and head address. The requested track will not be read. Generally this means that the internal structure of a data set was not understood properly, for example, because of a new version of the software maintaining that data set. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0051	**EXCP failed on *ddname*, RC=*hh*, IOBSEEK=*address* device *dev volser***

Explanation

This message indicates an unexpected I/O failure on the indicated device and address. The return code is the EXCP return code in hex.

Severity

12

CKF0051	**(ECKD) EXCP failed on *ddname*, Address CKFB: *address*, rc *nnx*, CSW=*hhhhhhhhhhhhhh*, IOBSEEK=*address* device *dev volser***

Explanation

This message indicates an unexpected ECKD I/O failure on the indicated device and address. The return code is the EXCP return code in hex.

Severity

12

CKF0051	**Multiple track read EXCP failed on *ddname*, Number of reads *hhhh*, Address CKFB: *address*, rc *nnx*, CSW=*hhhhhhhhhhhhhh*, IOBSEEK=*address* device *dev volser***

Explanation

This message indicates an unexpected multitrack read I/O failure on the indicated device and address. The return code is the EXCP return code in hex.

Severity

12

CKF0052	**Slowdown mode invoked because noimbed and index on *volume* for *catname***

Explanation

This message indicates that the requested ICF, HSM, or RMM catalog dump will be tried with VSAM, because the faster EXCP mode does not support NOIMBED with the index on a different volume than the data component.

Severity

00

CKF0053	**Slowdown mode invoked because not APF-authorized, data set *volume catname***

Explanation

This message indicates that the requested catalog dump will be tried with VSAM, because the faster EXCP mode requires APF authorization that is not present. ALTER authority is required to read ICF catalogs without APF authorization on DFP systems below version 3. For DFP version 3 APF authorization is required to read ICF catalogs anyway and message CKF0064 will be issued. READ authority is needed to read HSM catalogs.

Severity

00

CKF0054	**Data set *catname* CA at rel track *tt* missing *nn* CIs in sequence set record**

Explanation

This message indicates that the number of CIs described by the index sequence set record was not the number of CIs per CA. If the error message is reproducible, perform EXAMINE on the data set. If no strange things are found, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKF0055	**ACB OPEN *type* abend *xxx-nn (explanation)* for *dev volume componentname* of *catalogname***

Explanation

This message indicates an abend during an attempt to open the ICF, RMM, or HSM catalog indicated.

Severity

08

CKF0056 **Slowdown mode invoked because more extents than EXCP supports (abend 013-E4) for *vol cluster***

Explanation

The maximum number of extents supported by an EXCP OPEN depends on the DFSMS release. This is reflected in the job log as an abend 013-E4 (or in older releases, 213-20). The CKF0030 message is suppressed in this case. The abend is intercepted, and slowdown mode is invoked for this release.

Severity

00

CKF0057 ***type* abend *xxx-nn (explanation)* on *dev volser dsname***

Explanation

A nonrecoverable abend occurred opening data set *dsname* for input on device *dev*. If the error occurs for a VTOC, the VTOC and all data sets on the volume will be missing. If the error occurs for a VVDS, the VTOC information has been read properly. For information on the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0058 **Unexpected physical record length *decnum* in imbedded SSR with index blksize *decnum* for *catname***

Explanation

This message indicates that a physical record (i.e. block) was read from the imbedded index track with a block size different from the block size indicated in the information in the VVR. Results will be unpredictable.

Severity

12

CKF0059 **NOIMBED not supported, data set *catname* on *volser* skipped**

Explanation

This message indicates that for some reason the index was not read successfully. Consequently, the NOIMBED data set cannot be processed.

Severity

08

CKF0060 **VVDS space map extension at RBA *hexnum* ignored - expecting *hexnum***

Explanation

zSecure Collect expects the space map chain to occur in order in the VVDS.

Severity

12

CKF0061 **VVDS can only be accessed with APF authorization**

Explanation

In DFP V3 systems, APF authorization is required to read the VVDS.

Severity

04

CKF0062 **Connected catalog *catname* not found on volumes processed**

Explanation

The master catalog processed contained a connector entry for catalog *catname*. However, the catalog was not found on the volumes processed. Catalog information may be incomplete.

Severity

08

CKF0063 **Unexpected error: Master cat BCS not found on mastercat volume. Abend 913-0C may occur**

Explanation

This message indicates that for some reason the master catalog was not found on the volume it was supposed to reside on. Consequently, it cannot be determined whether user catalogs are connected or not. Abend 913-0C results from trying to open an

unconnected catalog if bypass-password processing is not being used.

Severity

08

CKF0064 **Catalog cannot be dumped without APF authorization - *catname***

Explanation

On a DFP version 3 or higher system, APF authorization is required to dump ICF catalogs.

Severity

08

CKF0065 **Slowdown mode invoked because primary data VVR not obtained for *datacomponent***

Explanation

To read VSAM data sets in EXCP mode, zSecure Collect needs the VSAM Volume Record (VVR) residing in the VVDS. This message is issued if the VVR of the data component was not encountered.

Severity

00

CKF0066 **Slowdown mode invoked because noimbed and primary index VVR not obtained for *datacomponent***

Explanation

To read VSAM data sets with the NOIMBED attribute in EXCP mode, zSecure Collect needs the VSAM Volume Record (VVR) of the index residing in the VVDS. This message is issued if the VVR of the index component was not encountered.

Severity

00

CKF0067 **Data set *datacomponent* error at CI *num* in CA at rel trk *nnn type key***

Explanation

Where *key* is the current record key (a data set name), and *type* can be one of the following error types:

`last segment missing - record skipped`

For a spanned record, the last segment was not found in the control area. The record will not be copied to CKFREEZE.

`orphan inner segment skipped`

A spanned record intermediate segment was encountered, but the first segment for the record was not found in the control area. The segment will be discarded.

`updated during copy`

A spanned record was encountered, but the segments did not have the same update count. This can happen if the record was updated between read instructions to the control area. The record may appear garbled in the CKFREEZE file.

`orphan last segment skipped`

The last segment of a spanned record was encountered, but the first segment for the record was not found in the control area. The segment will be discarded.

Severity

04

CKF0068 **Cat rlen=*xxxx* (RDF=*xxxxxx*) at CI offset *xxxx* > used CI *xxxxxx* of CA at reltrk *nnnnn* in *datacomponent***

Explanation

The record length field in a catalog record (rlen) points beyond the end of the used bytes in a control interval.

Severity

08

CKF0069 **Slowdown mode invoked for multi-volume cluster *dsname***

Explanation

This message indicates that normal VSAM processing was selected for this cluster because it has a multi-volume data component.

Severity

00

CKF0070 ***type* abend *xxx-nn (explanation)* on *dev volume dataset***

Explanation

This message indicates a nonrecoverable abend occurred during OPEN of the indicated PDS(E). For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0071 **Internal error IOBEXCP DEBNMEXT=0**

Explanation

This message indicates an unexpected condition; I/O was being attempted against an empty data set. The message is suppressible. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0072 **Unexpected IOCINFO return code *rc* reason code *rr* (decimal)**

Explanation

This message indicates that the IOCINFO service issued an unexpected return code. Results are unpredictable.

Severity

08

CKF0073 **Dynamic configuration change occurred, UCB scan restarted - file may contain duplicate records**

Explanation

This message indicates that the UCBSCAN service indicated a configuration change while scanning all UCBs. The scan will be restarted, but this may make the CKFREEZE file unusable if your application does not support duplicate information. In this case, you will have to rerun zSecure Collect.

Severity

04

CKF0074 **Unexpected UCBSCAN return code *rc* reason code *rr* (decimal)**

Explanation

This message indicates that the UCBSCAN service issued an unexpected return code.

Severity

12

CKF0075 **Unexpected EDTINFO return code *rc* reason code *rr* (decimal) for *dev volume* devtype *devtype***

Explanation

This message indicates that the EDTINFO service issued an unexpected return code while trying to obtain the generic device type for a device. The field will be filled with a default value.

Severity

04

CKF0076 **Unexpected UCBSCAN return code *rc* reason code *rr* (decimal) on *dev volume***

Explanation

This message indicates that the UCBSCAN service issued an unexpected return code when trying to obtain the last path used mask.

Severity

12

CKF0077 **Unexpected UCBSCAN return code *rc* reason code *rr* (decimal) on *dev volume***

Explanation

This message indicates that the UCBSCAN service issued an unexpected return code while trying to pin and obtain the address of a UCB. The intended authorized I/O function will not be performed.

Severity

12

CKF0078 **Unexpected UCBPIN UNPIN rc *rc* reason code *rr* (decimal) on *dev volume***

Explanation

This message indicates that the UCBPIN service issued an unexpected return code while trying to unpin an UCB after an authorized I/O operation.

Severity

12

CKF0080 **Unexpected IXCQUERY *function* return code *rc* reason code *rr* (hexadecimal)**

Explanation

The IXCQUERY service issued an unexpected return code. The *function* indicates the type of information that was requested. The corresponding XCF record is missing from the file.

Severity

00

CKF0081 **CF *data* not retrieved. No CFRM data set or no policy active**

Explanation

Information from the active CFRM policy could not be retrieved, because the couple data set supporting TYPE(CFRM) is not accessible to this system or no policy has been activated. The value data can be either `information` or `structures`.

Severity

04

CKF0082 **Unexpected IXCQUERY *type* abend *xxx-nn (explanation)***

Explanation

This message indicates that the IXCQUERY service abended. The XCF sysplex record will be missing from the file.

Severity

04

CKF0083 **Extent size discrepancy *size* DEBNMTRK=*num* on *dev volser***

Explanation

There is an unexpected difference in the low order two bytes of the number of tracks in an extent. The software uses DEBNMTRK (which may be too small). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKF0084 **Internal error CKFCCHH RC=20 on *dev volser***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0085 **TTT conversion result CCC HHHH *cccc hhhh* not in extent *cccc hhhh* - *cccc hhhh* for *reltrk* on *dev volser* Extent *nn* range *cccc hhhh* - *cccc hhhh* start *reltrk* size *trks***

Explanation

This message indicates a failure to convert the indicated relative track number to an absolute cylinder and head address. The requested track will not be read. Generally this means that the internal structure of a data set was not understood properly, for example, because of a new version of the software maintaining that data set. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0086 **Member *mem* rel trk *trk* R*rec* not in *dev volser dsn* size *trks* trk**

Explanation

This message indicates that a PDS directory entry points to a member start (relative track and record number) beyond the end of the data set. A possible

cause might be that the data set was truncated during a copy or restore operation.

Severity

04

CKF0087 **Missing EOF in member *mem* rel trk *trk* R*rec* in *dev volser dsn* size *trks* trk**

Explanation

This message indicates that the last member physically present in a partitioned data set was truncated before it's End Of File marker. The member starts at the indicated relative track and record number. A possible cause might be that the data set was truncated during a copy or restore operation. There will be no checksum for this member.

Severity

04

CKF0088 **Missing *n* out of *total* members in *dev volser dsn* size *trks* trk**

Explanation

This message indicates that a Partitioned Data Set directory referred to members not physically present in the data set. A possible cause might be that the data set was truncated during a copy or restore operation.

Severity

04

CKF0089 **Unexpected DMS subfile name *name* at record *nnn* of DMSU *volume datasetname***

Explanation

The data set indicated by the DMSUNL= keyword contains an unknown subfile name. The data set is not read any further.

Severity

08

CKF0090 ***type* abend *xxx-nn (explanation)* on *dev volume dataset***

Explanation

This message indicates a nonrecoverable abend occurred during OPEN of the indicated TMC. For information on the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0091 **TRKCALC for *dsname* gives RC=*nn* decimal**

Explanation

The calculation of the number of blocks per track for the TMC, VMF or ACF failed with the indicated return code. As a consequence, no blocks will be read.

Severity

08

CKF0092 **Opened *type dev volume dataset, num* by/bl *num* bl/tr *num* rc/bl *num* trk**

Explanation

This message indicates that the *type* data set (TMC for CA1, VMF for CA-TLMS, or ABR for FDR/ABR) has just been opened, and shows the characteristics used for reading the TMC/VMF. It is issued only if the INFO option was specified.

Severity

00

CKF0093 **Unexpected block length *nnn* at rel track *nnn* R*nn* of *type vol dataset***

Explanation

This message indicates that a track read contained an unexpected block size. The remainder of the track is skipped. The current relative track number and physical record number are shown in decimal. The *type* can be TMC, VMF, or ABR.

Severity

08

CKF0093 **Unexpected block prefix "*tttttt*" at rel track *nnn* R*nn* of ABR *vol dataset***

Explanation

This message indicates that an ABR track read contained an unexpected block prefix. The current

relative track number and physical record number are shown in decimal.

Severity

08

CKF0094 **Closed *type dev volume dataset*, read *nnn* tracks, copied *nnn type* and *nnnn* DSNB records**

Explanation

This informational message indicates that the TMC/VMF/ABR data set was closed and shows the number of volume and data set records that were copied to CKFREEZE. It is issued only if the INFO option was specified.

Severity

00

CKF0095 **Unsupported *type* blocksize *nnn* lrecl *nnn* for *volume dataset***

Explanation

For *type* equal to TMC this message indicates that the indicated data set had a record size (lrecl) different from 200 and 340 (CA1 5.0). For type equal to VMF this message indicates that the record size was different from 500. For *type* equal to ABR this indicates that the block size was smaller than 32 bytes.

Severity

08

CKF0096 ***type* abend *xxx-nn (explanation)* on *type dev volume dataset***

Explanation

This message indicates a nonrecoverable abend occurred during OPEN of the indicated *type* data set (DMSU for DMSUNL, PDSE for PDS/E directory, or PDSM for DMS AUTHLIB). For information on the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0097 **Opened *type dev volume dataset*, blksz *nnnn*, lrecl *nnnn* lasttrk *nnnnn***

Explanation

This message indicates that the indicated *type* data set (DMSU for DMSUNL, PDSE for PDS/E directory, or PDSM for DMS AUTHLIB) has just been opened, and shows the block size, record length, and last relative track number (decimal). It is issued only if the INFO option was specified.

Severity

00

CKF0098 **Unexpected record length *n* at record *nnn* of DMSU *volume dataset***

Explanation

A record length smaller than 9 was encountered, this is not supported for a DMS unload (each record is expected to start with the 8 byte subfile name). The remainder of the data set will be skipped.

Severity

08

CKF0099 **Closed *type dev volume dataset* read *nnn* records, copied *nnn* DSNINDEX and *nnnn* RACFENCD records**

Explanation

This informational message indicates that the DMS*type* data set (DMSU for DMSUNL, PDSE for PDS/E directory, or PDSM for DMS AUTHLIB) was closed and shows the number of records read as well as the number of data set and RACF profile records that were copied to CKFREEZE. It is issued only if the INFO option was specified.

Severity

00

CKF messages from 100 to 199

CKF0100 **Missing PDS directory end in *dev vol dsn***

Explanation

This message indicates that a data set that was supposed to have a Partitioned Data Set organization did not have a proper PDS directory (i.e. ending in a record with a key of high values). Possible causes are that the data set is not a PDS at all, or that the data set was truncated before the end of the PDS directory by a failed copy or restore operation.

Severity

08

CKF0101 **Unexpected return code *nn* dec during LISTCAT of *dsn***

Explanation

This message indicates a failure to locate a VSAM cluster name in the catalog. The cluster will be skipped. If you think the program should have found it, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0102 ***type catname* on *volume* BLK *decnum* CISZ *decnum*, CASZ *decnum* byte, *num* CI/CA, *num* bl/CA, *num*tr/CA, *nn* bl/trk, *nn* bl/CI**

Explanation

This informational message gives the control interval size, the number of bytes, blocks, and tracks in a control area, and the number of blocks per track and blocks per control intervals for the specified *type* VSAM data set (BCS for catalog, MCD for HSM migration Control Data set, BCD for HSM Backup Control Data set, RMM for DFSMS RMM control data set) immediately before it is opened. It is issued only if the INFO option is selected.

Severity

00

CKF0103 **No imbed - index *indexname* on *volume* BLK *decnum* CISZ *decnum***

Explanation

This message indicates that the index component about to be opened has the NOIMBED attribute, which makes it necessary to process the index. The message indicates the index component data set name, as well as the physical block size and CI size. It is issued only if the INFO option is selected.

Severity

00

CKF0104 **Closed IX *dev volume catname* index incore *decnum* bytes - *indexname***

Explanation

This informational message summarizes the number of bytes that were read from the catalog index component prior to closing. It is issued only if the INFO option was selected.

Severity

00

CKF0105 **Opened *type dev volser catname* size *num* trk *datacomponent***

Explanation

This informational message contains the number of tracks in the data component of the *type* data set (see CKF0102) that has just been opened successfully. It is issued only if the INFO option was selected.

Severity

00

CKF0106 **Master catalog is *catname***

Explanation

This informational message indicates the name of the master catalog. It is issued only if the INFO option was selected.

Severity

00

CKF0107 **Opened ACB *dev volume cluster* component *dsname***

Explanation

This informational message indicates the successful opening of the ACB for the indicated VSAM data set. It is issued only if the INFO option was selected.

Severity

00

CKF0108 **Closed ACB *dev volume cluster* read *decnum*, copied *decnum* records *datacomponent***

Explanation

This informational message shows the number of records read and copied from the indicated VSAM data set. It is issued only if the INFO option was selected.

Severity

00

CKF0109 **Opened *dsntype dev volume dsname* [alloc size *nn* trk]**

Explanation

This informational message indicates the successful opening of the PDS(E) indicated, and, for a PDS, the size of the data set in tracks. It is issued only if the INFO option was selected.

Severity

00

CKF0110 **Closed PDS *dev volume dsname* read *decnum* trks, copied *decnum* dir blks, scanned *decnum* byte in *decnum* members**

Explanation

This informational message indicates the number of directory tracks and blocks read from the indicated PDS. It is issued only if the INFO option was selected.

Severity

00

CKF0111 **Starting *n* I/O executors ...**

Explanation

This progress message shows the start of a new phase in the collection process. It shows the amount of parallelism introduced by the PARALLEL parameter or its default.

Severity

00

CKF0112 **Opened VTOC *dev volume* size *decnum* tracks**

Explanation

This informational message indicates the successful opening of the VTOC for the indicated volume. It is issued only if the INFO option was selected.

Severity

00

CKF0113 **Closed VTOC *dev volume* read *num* tracks, copied *decnum* DSCBs**

Explanation

This informational message summarizes the number of tracks and records that were read from the VTOC prior to closing. It is issued only if the INFO option was selected.

Severity

00

CKF0114 **Opened SYS1.VVDS.V*volume* size *decnum* tracks, *nnn* blk/trk**

Explanation

This informational message indicates the successful opening of the indicated VVDS and the number of 4KB blocks per track. It is issued only if the INFO option was selected.

Severity

00

CKF0115 **Closed SYS1.VVDS.V*volume* read *num* tracks, copied *decnum* NVR/VVRs**

Explanation

This informational message summarizes the number of tracks and records that were read from the VVDS

prior to closing. It is issued only if the INFO option was selected.

Severity

00

CKF0116 **Closed *type dev volume catname* read *num* trks, *num* records, copied *decnum/decnum* non/spanned records**

Explanation

This informational message summarizes the number of tracks and records (both non-spanned and spanned) that were read and copied from the data component of the *type* data set (see CKF0102) prior to closing. It is issued only if the INFO option was selected.

Severity

00

CKF0117 **CP response truncated for command "*command*": *response***

Explanation

This message indicates that the response to the specified CP command issued while running under VM did not fit into the return area. The first 5 lines of the response are displayed. As a result, information collected by the command may be missing from the CKFREEZE file.

Severity

12

CKF0118 **CP return code *nn* on command "*command*": *response***

Explanation

This message indicates the nonzero return code returned by CP on the specified command issued while running under VM. As a result, information collected by the command will be missing from the CKFREEZE file.

Severity

12

CKF0119 **Q V*nnnn* returns data for *nnnn* - possibly unsupported VM release**

Explanation

While running an XA release of MVS under VM, the QUERY VIRTUAL command issued by zSecure Collect unexpectedly returned information from a different device. The information is not processed.

Severity

12

CKF0120 **Unexpected IOS rc *xx* x, CSW stat *xxxx* sns *xxxx* id *cccc/mm dddd/mm* v/r=*vv/rr* dev *dev volser* during *CCWname***

Explanation

This message indicates a failed I/O operation of the type *CCWname* on the indicated device. The Channel Status Word and the first 2 bytes of the sense code are shown in hexadecimal, together with the hexadecimal controller type *cccc* and model *mm* and device type *dddd* and model *mm*, as returned by the Sense Id, and the Virtual and Physical controller type returned by the ReadDeviceCharacteristics. The latter are needed to determine the exact device type and mode of 3990 models and RAMAC devices. Check for a possible hardware defect. More diagnostic information might be available in a directly subsequent message CKF0144.

Severity

08

CKF0121 **Unexpected nil *name* pointer in *product***

Explanation

This message has two forms. the first shows the name of a pointer that was unexpectedly found to be zero during access to a control block chain with cross memory services in an address space for the specified product (HSM, JES2, JES3, RMM, TLMS).

Severity

04

CKF0121 **Unexpected null ASID for *product***

Explanation

The second form of this message shows that the Address Space Id was unexpectedly found to be zero during access to a control block chain with cross memory services in an address space for the specified product (HSM, JES2, JES3, RMM, TLMS).

Severity

04

CKF0122 **Number of TAPE devices interrogated: *nnn***

Explanation

This message, shown if TAPE=YES was specified or implied, shows the number of tape devices that were interrogated.

Severity

00

CKF0123 **Q V *mmm* query for device *nnnn* returns data for *nnnn* - possibly unsupported VM release**

Explanation

While running a non-XA release of MVS under VM, the QUERY VIRTUAL command issued by zSecure Collect to the VM device number *mmm* on behalf of the *nnnn* device number in MVS, unexpectedly returned information from a different device. The information is not processed.

Severity

12

CKF0124 **Non-SMS system**

Explanation

This informational message is issued to indicate that the SMS subsystem is not defined on the system.

Severity

00

CKF0125 **SMS is inactive**

Explanation

This informational message is issued to indicate that the SMS subsystem is defined, but inactive. No SMS information will be present in the CKFREEZE file.

Severity

04

CKF0126 **SMS IEFSSREQ RC=*nn* (decimal) for request SSSA1TYP=*nn* (decimal)**

Explanation

This message indicates the failure of a SMS subsystem request. The requested SMS information will be missing from the CKFREEZE file.

Severity

08

CKF0127 **SMS return code SSOBRETN=*nn* (decimal) reason code SSSARSN=*nnn* (decimal) for request SSSA1TYP=*nn* (decimal)**

Explanation

This message indicates the failure of a SMS information request. The requested SMS information will be missing from the CKFREEZE file.

Severity

08

CKF0128 **SMS returned reason code SSSARSN=*nnn* (decimal) and messages for request SSSA1TYP=*nn* (decimal): *messages***

Explanation

This message indicates the possible failure of a SMS information request. Informational or error messages returned by SMS follow this message. The requested SMS information may be missing from the CKFREEZE file.

Severity

04

CKF0129 **Unexpected SMS call *type* abend *xxx-nn (explanation)* for request SSSA1TYP=*nn* (decimal)**

Explanation

This message indicates the abend issued during a SMS information request. The requested SMS information will be missing from the CKFREEZE file.

Severity

08

CKF0130 **SMS *type name* configuration *description***

Explanation

This informational message indicates that the complex of type *type* and name *name* has SMS active and shows the comment (description) field of the active configuration.

Severity

00

CKF0131 **LCU selection not possible**

Explanation

This message indicates that a LCU selection was given but no LCU information could be found in the system. The run is aborted. Possible reasons include: RMF was not active, running under a VM system, or an unsupported RMF release.

Severity

12

CKF0132 **Tape management system CA1, TMSTMVT level TVT*xxxx***

Explanation

This message indicates that CA1 was found to be active on the system, and shows the level of the CA1 TMVT control block in the same format that the CA1 TMSCKLVL program uses.

Severity

00

CKF0133 **FOCUS must precede parameters selecting additional information to be collected**

Explanation

This message is issued if FOCUS was not the first parameter, and you specified a parameter that is not allowed under each focus before the FOCUS parameter. Move the FOCUS parameter in front.

Severity

12

CKF0134 **Command not valid in current FOCUS - *name***

Explanation

This message indicates that a feature was requested that is invalid under the current focus combination. You can look up the command *name* in the index and read the restrictions.

Severity

12

CKF0135 ***site-specific identification string*** **Runs on *where* CPU-id, source file *ddname volser dsn***

Explanation

This message shows the site-specific identification string, CPU-id, and relevant product numbers and names.

Severity

00

CKF0136 **CLOSE abend *xxx-rc* on device *dev* volume *volser* for *dsname***

Explanation

The data set named *dsname* could not be closed on device *dev*. The VTOC is indicated with ** VTOC volser **. For information on the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0137 **ACB CLOSE failed for *type dev volume datacomp* rc=*nn* code=*code* cluster *dsname***

Explanation

The VSAM data set data component *datacomp* could not be closed. See the appropriate DFP manual for the meaning of the codes.

Severity

08

CKF0138 **GET RPL *type dev volume datacomponent* rc=*nn* reason=*nnnn* after *nnnn* records**

Explanation

This messages indicates an unexpected return code and reason code (in decimal) from the VSAM GET macro after the indicated number of records.

Severity

08

CKF0139 **TRKCALC for SYS1.VVDS.V*volume* gives RC=*nn* decimal**

Explanation

The calculation of the number of blocks per track for the VVDS failed with the indicated return code. As a consequence, the space map will not be used and all tracks of the VVDS will be read.

Severity

08

CKF0140 **Number of RACFENCD records copied: *nnnn***

Explanation

This message indicates the number of records copied from the RACFENCD subfiles of DMS DMSFILES and unloaded DMSFILES data sets. The RACFENCD subfile gives the relation between data set names of archived or backed-up data sets and the corresponding RACF profiles with an encoded name.

Severity

00

CKF0141 **Number of DSNINDEX records copied: *nnnn***

Explanation

This message indicates the number of records copied from the RACFENCD subfiles of DMS DMSFILES and unloaded DMSFILES data sets. It includes all archived and backed-up data sets.

Severity

00

CKF0142 **Number of MCD records copied: *nnnnn***

Explanation

This message indicates the number of records copied from HSM Migration Control Data sets. It is shown if the number is nonzero.

Severity

00

CKF0143 **Number of BCD records copied: *nnnnn***

Explanation

This message indicates the number of records copied from HSM Backup Control Data sets. It is shown if the number is nonzero.

Severity

00

CKF0144 **original rc *nnx* sense *xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx***

Explanation

This message occurs optionally behind message CKF0120 or CKF0051. It indicates the original EXCP return code and sense code associated with a failing channel program, for example, a Unit Check. Check for a hardware defect or failure. If you cannot find one, to report these messages and to determine whether they can be prevented, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKF0145 **CKFREEZE LRECL=*nnn* must at least be 23472, use half/full track as BLKSIZE and set LRECL 4 less, or use LRECL=X, RECFM=VBS**

Explanation

This message indicates that the CKFREEZE file has an insufficient maximum record length. Check your JCL, if you did not specify a LRECL, check the BLKSIZE. If you did not specify either, try specifying BLKSIZE. If this does not work, try specifying both. If you specified both and SMS is active, contact your site's storage

administrator how you can prevent the ACS routines from providing an insufficient overriding LRECL.

Severity

12

CKF0146 **Number of TMC volume records copied: *nnnn***

Explanation

This message indicates the number of volume records copied from the CA1 TMC (Tape Management Catalog).

Severity

00

CKF0147 **Number of DSNB records copied: *nnnn***

Explanation

This message indicates the number of secondary data set records (Data Set Name Blocks) copied from the CA1 TMC (Tape Management Catalog).

Severity

00

CKF0148 **DMS records at level *v.r.m***

Explanation

This message indicates the highest DMS release number encountered in a DMSFILES record.

Severity

00

CKF0149 **Number of SWCH devices interrogated: *nnn***

Explanation

This message, shown if SWCH=YES was specified or implied, shows the number of ESCON directors that were interrogated.

Severity

00

CKF0150 ***type* abend *xxx-nn (explanation)* on *dev volser dsname***

Explanation

This message indicates that the OPEN for a DMSFILES data set failed with the indicated abend code. No information will be present in the CKFREEZE file from this data set.

Severity

08

CKF0151 **TRKCALC for *dsname* gives RC=*nn* decimal**

Explanation

The calculation of the number of blocks per track for the DMSFILES data set failed with the indicated return code. As a consequence, no blocks will be read.

Severity

08

CKF0152 **Opened DMSF *dev volume dataset, nnn* by/bl *nn* bl/tr *nnn* by/tr *nnnn* trk**

Explanation

This message indicates that a DMSFILES data set has just been opened, and shows the characteristics used for reading the DMSFILES data set. It is issued only if the INFO option was specified.

Severity

00

CKF0153 **Dataset has unsupported DMSFILES format - *volser dsname***

Explanation

This message indicates that the data set indicated does not conform to the supported layout of a DMSFILES data set. Specifically, the control record does not contain a correct control block id. The data set is not processed any further.

Severity

08

CKF0154 **Dataset expects blksize *nnnn* but is *nnnn* for *volser dsname***

Explanation

The message indicates that the DMSFILES data set contains a physical block size in the DMS control record that differs from the physical block size in the format 1 DSCB in the VTOC. The data set is not processed any further.

Severity

08

CKF0155 **Unexpected block length *nnn* at rel track *nnn* R*nn* of DMSF *vol dataset***

Explanation

This message indicates that a DMSFILES track read contained an unexpected block size. The remainder of the data set is skipped.

Severity

08

CKF0156 **DMSFILES error: reference to RBA *xxxxxxxx* and length *nnnnn* points beyond last rel track *nnnn***

Explanation

This message indicates an error during read of a DMSFILES data set. An index entry or file control block points to a block at a Relative Byte Address (hexadecimal) and with a length (decimal) that would extend beyond the last used track of the data set as shown in the F1 DSCB (last relative track number in decimal). The blocks beyond the last used track will not be read.

Severity

08

CKF0157 **DMSFILES error: missing *nnnn* bytes at the end of logical block at RBA *xxxxxxxx***

Explanation

This message indicates that zSecure Collect expected additional bytes to complete a logical block when end-of-file processing was entered.

Severity

08

CKF0158 **DMSFILES error: found BLK RBA *xxxxxxxx* but unexpected subfile *name* rel trk *nnn* R*nn***

Explanation

This message indicates that a block, pointed to by the DSNINDEX or RACFENCD index was read at the specified RBA, but it contained records of a different subfile than DSNINDEX and RACFENCD. The current relative track number and physical record number are shown in decimal.

Severity

08

CKF0159 **DMSFILES error: found IND RBA *xxxxxxxx* but unexpected subfile *name* rel trk *nnn* R*nn***

Explanation

This message indicates that an index block, pointed to by the DSNINDEX or RACFENCD FCB was read at the specified RBA, but it contained the index of a different subfile than DSNINDEX and RACFENCD. The current relative track number and physical record number are shown in decimal.

Severity

08

CKF0160 **DMSFILES error: found RBA *xxxxxxxx* but not a BLK or IND prefix, at rel trk *nnn* R*nn***

Explanation

This message indicates that a block, pointed to by the DSNINDEX or RACFENCD FCB or index was read at the specified RBA, but it did not contain a BLK or IND prefix. The current relative track number and physical record number are shown in decimal.

Severity

08

CKF0161 **DMSFILES error: RBA *xxxxxxxx* not found on block boundary, at RBA *xxxxxxxx* rel trk *nnn* R*nn***

Explanation

This message indicates that the starting RBA of a logical block, pointed to by the DSNINDEX or RACFENCD FCB or index was not found on a physical

block boundary. The current RBA, relative track number, and physical record number are shown in decimal.

Severity

08

CKF0162 **DMSFILES error: missed block(s) starting at RBA *xxxxxxxx***

Explanation

This message indicates that zSecure Collect expected additional information starting at the specified RBA (pointed to by DSNINDEX or RACFENCD FCB or index) when end-of-file processing was entered.

Severity

08

CKF0163 **Closed DMSF *dev volume dataset*, read *nnn* tracks, copied *nnn* DSNINDEX and *nnnn* RACFENCD records**

Explanation

This informational message indicates that the DMSFILES data set was closed and shows the number of data set and RACF profile records that were copied to CKFREEZE. It is issued only if the INFO option was specified.

Severity

00

CKF0164 **DMSFILES error: *name* subfile not found in FCBs**

Explanation

This message indicates that zSecure Collect failed to find the specified subfile definition in the File Control Blocks. Information from the subfile will be missing from the CKFREEZE file.

Severity

08

CKF0165 **DMSFILES error: no or invalid IND/BLK RBA in FCBs**

Explanation

This message indicates that zSecure Collect failed to find valid RBAs in the DSNINDEX and RACFENCD File Control Blocks. No information from this DMSFILES data set will be copied to the CKFREEZE file.

Severity

08

CKF0166 **Message number to be suppressed must be in range 0..1999 - *nnnn***

Explanation:
The message number validation failed. The form of the message suppression command SUPMSG and its aliases is a list of decimal numbers that are separated by commas and enclosed in parentheses, or a single number. It cannot be left blank. The numbers cannot have CKF prefixes.

Severity:
12

CKF0167 **Volume not mounted for expected data set *volume dsname***

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated data set, but the volume was not mounted.

Severity

04

CKF0168 **Restore not successful for expected data set on volume *volume dsname***

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated data set, but the OPEN attempt was not successful. This text of the message can only occur if RESTORE=YES or RECALL=YES was specified or implied.

Severity

04

CKF0168 **RESTORE=NO and expected data set not on volume *volume dsname***

Explanation

This form of the message indicates that zSecure Collect wants to extract information from the indicated data set, but the data set was not found in the VTOC, and RESTORE=NO (same as RECALL=NO) was specified or implied.

Severity

04

CKF0169 **Volume [excluded or] not mounted for requested data set *volume dsname***

Explanation

This message indicates that you requested an action for a data set, but the volume was not mounted or excluded by your SELECT and EXCLUDE commands.

Severity

08

CKF0170 **Restore not successful for requested data set on volume *volume dsname***

Explanation

This message indicates that you requested an action for a data set, but the OPEN attempt was not successful. This text of the message can only occur if RESTORE=YES (same as RECALL=YES) was specified or implied.

Severity

08

CKF0170 **RESTORE=NO and requested data set not on volume *volume dsname***

Explanation

This form of the message indicates that you requested an action for a data set, but the data set was not found in the VTOC, and RESTORE=NO was specified or implied.

Severity

08

CKF0171 **Restore not successful for expected data set on any volume - *dsname***

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated data set, but the ALLOCATE attempt was not successful. This text of the message can only occur if RESTORE=YES was specified or implied.

Severity

04

CKF0171 **RESTORE=NO and expected data set not on any volume *dsname***

Explanation

This form of the message indicates that zSecure Collect wants to extract information from the indicated data set, but the data set was not found in any VTOC, and RESTORE=NO (same as RECALL=NO) was specified or implied.

Severity

04

CKF0172 **Restore not successful for requested data set on any [included] volume - *dsname***

Explanation

This message indicates that you requested an action for a data set, but the data set was not found on the volume or the volume was not included by your SELECT and EXCLUDE statements. This text of the message can only occur if RESTORE=NO was specified or implied.

Severity

08

CKF0172 **RESTORE=NO and requested data set not on any [included] volume *dsname***

Explanation

This form of the message indicates that you requested an action for a VSAM data set, but the data set was not found in any VTOC included by your SELECT and EXCLUDE statements, and RESTORE=NO was specified or implied.

Severity

08

CKF0173 **Volume not mounted for expected VSAM data set *volume dsname***

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated VSAM data set, but the volume was not mounted.

Severity

04

CKF0174	Restore not successful for expected VSAM data set on volume *volume dsname*

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated VSAM data set, but the OPEN attempt was not successful. This text of the message can only occur if RESTORE=YES (same as RECALL=YES) was specified or implied.

Severity

04

CKF0174	RESTORE=NO and expected VSAM data set not on volume *volume dsname*

Explanation

This form of the message indicates that zSecure Collect wants to extract information from the indicated VSAM data set, but the data set was not found in the VTOC, and RESTORE=NO (same as RECALL=NO) was specified or implied.

Severity

04

CKF0175	Volume [excluded or] not mounted for requested VSAM data set *volume dsname*

Explanation

This message indicates that you requested an action for a VSAM data set, but the volume was not mounted or excluded by your SELECT and EXCLUDE commands.

Severity

08

CKF0176	Restore not successful for requested VSAM data set on volume *volume dsname*

Explanation

This message indicates that you requested an action for a VSAM data set, but the OPEN attempt was not successful. This text of the message can only occur if RESTORE=YES (same as RECALL=YES) was specified or implied.

Severity

08

CKF0176	RESTORE=NO and requested VSAM data set not on volume *volume dsname*

Explanation

This form of the message indicates that you requested an action for a VSAM data set, but the data set was not found in the VTOC, and RESTORE=NO (same as RECALL=NO) was specified or implied.

Severity

08

CKF0177	Restore not successful for expected VSAM data set on any volume - *dsname*

Explanation

This message indicates that zSecure Collect wants to extract information from the indicated VSAM data set, but the ALLOCATE attempt was not successful. This text of the message can only occur if RESTORE=YES was specified or implied.

Severity

04

CKF0177	RESTORE=NO and expected VSAM data set not on any volume *dsname*

Explanation

This form of the message indicates that zSecure Collect wants to extract information from the indicated VSAM data set, but the data set was not found in any VTOC, and RESTORE=NO was specified or implied.

Severity

04

CKF0178	Restore not successful for requested VSAM data set on any [included] volume - *dsname*

Explanation

This message indicates that you requested an action for a VSAM data set, but the ALLOCATE attempt was not successful or the volume was not included by your SELECT and EXCLUDE statements. This text of the message can only occur if RESTORE=YES (same as RECALL=YES) was specified or implied.

Severity

08

CKF0178 **RESTORE=NO and expected VSAM data set not on any [included] volume *dsname***

Explanation

This form of the message indicates that you requested an action for a VSAM data set, but the data set was not found in any VTOC included by your SELECT and EXCLUDE statements, and RESTORE=NO (same as RECALL=NO) was specified or implied.

Severity

08

CKF0179 **Unsupported MPFT level *xx***

Explanation

This message indicates that a newer control block layout was encountered than currently supported for the Message Processing Facility. Information on message suppression will be missing from the CKFREEZE file. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0180 **Device *dev volume* has no VTOC**

Explanation

This message indicates that the indicated volume had no VTOC at the time of the last IPL or VARY command. Processing is skipped for this volume.

Severity

04

CKF0181 **Device *dev volume* has VTOC on track 0 record *n* - not supported**

Explanation

This message indicates that the indicated volume had a VTOC on track 0 at the indicated record. This format is not recognized by zSecure Collect. Processing is skipped for this volume (the VTOC will not be dumped).

Severity

04

CKF0182 **Options for this run are: FOCUS=(*focus*) IO=*Y/N*,TCPIP=*Y/N*, DASD=*Y/N*, TAPE=*Y/N*, SWCH=*Y/N*, PATH=*Y/N*, VTOC=*Y/N*, VVDS=*Y/N*, PDS=*Y/N*, CAT=*Y/N/MCAT*, MCD=*Y/N*, BCD=*Y/N*, DMS=*Y/N*, ABR=*Y/N*, TMC=*Y/N*, RMM=*Y/N*, VMF=*Y/N*, UNIX=*Y/N* [,UNIXCLIENT=*Y/N*] RECALL=*Y/N* [,AUTOMOUNT=*Y/N*, UNIXACL=*Y/N*], SHARED=*Y/N*, OFFLINE=*Y/N*, SMS=*Y/N*, STATS=*Y/N*, IDR=*Y/N*, CHECK=*Y/N*, SCAN=*Y/N*, PARALLEL=*NONE/PATHGROUP/PATH* [,NO]REPORT[,ALLRECS] [,WAIT=*Y/N*[,BURSTS=*num*, BURSTWAIT=*num*,BURSTSIZE=*num*]] [,[NO]KEY0, [NO]BYPASS, [NO]SIO, [NO]XMEM, [NO]XMDSN, [NO]DIAG, [NO]UID0[,UNCONNECTED] [,SLOWDOWN] [,FREE] [,MONITOR=*num*] [,INTERVAL=*num*]], ENQ=*Y/N*, DDLIMIT=*num*, IOTIMEOUT=*nn*, PDSEBUFSIZE=*num*, SIGVER=*Y/N*, XTIOT=*Y/N*, MOD=*Y/N*, NJE=*Y/N*, CICS=*Y/N*, IMS=*Y/N*, MQ=*Y/N*, DB2=*Y/N*, DB2CAT=*Y/N*, [NO]DB2ADM, CKDS=*Y/N*, PKDS=*Y/N*, TKDS=*Y/N*, SYMKEYTEST=*Y/N*,CF=*Y/N*, SERIALIZATION(NOENQ|ENQ(SYSDSN/CKRDSN/SYSDSN,CKRDSN) [,WAIT[,MAXWAIT(*nn*)]|, FAIL] [,VOLSER][,UNIT])**

Explanation

This message lists the basic options (options that are not a combination of others) that are currently in effect.

Severity

00

CKF0183 **Device *dev volume* CP-formatted VTOC not supported**

Explanation

This message indicates that the volume has the VTOC in a position as for a CP-formatted volume (for use by VM). Processing is skipped for this volume (the VTOC will not be dumped).

Severity

04

CKF0184 **Device *dev volume* AIX-formatted VTOC not supported**

Explanation

This message indicates that the volume has the VTOC in a position as for an AIX-formatted volume (for use by AIX/ESA®). Processing is skipped for this volume (the VTOC will not be dumped).

Severity

04

CKF0185 **Error reading rel trk *nnn* in *dev volume dsname* directory**

Explanation

This message indicates that an I/O error occurred while processing a track in a PDS directory.

Severity

08

CKF0185 **Error reading rel trk *nnn* in *dev volume dsname*(*member*)**

Explanation

This message indicates that an I/O error occurred while processing a track in a PDS member.

Severity

08

CKF0186 **Unexpected CSVAPF return code *xxxxxxxx* hex, reason code *xxxxxxxx* hex**

Explanation

This message indicates that the CSVAPF service returned an unexpected return code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0187 **Unexpected CSVDYNL return code *xxxxxxxx* hex, reason code *xxxxxxxx* hex**

Explanation

This message indicates that the CSVDYNL service returned an unexpected return code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0188 **Unexpected CSVDYNL return data**

Explanation

This message indicates that the CSVDYNL service returned unexpected data (no sets at all). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0189 **Exit same ptr for *module1* and *module2* ASID=*aaaa* tag=*xx* and ASID=*bbbb* tag=*yy***

Explanation

This message indicates that two module major names were found that both claimed to reside at the same address. Only one of the names will be the 'official' name in the CKFREEZE file.

Severity

04

CKF0190 **Slowdown mode invoked because VVDS *volser* has no index for *bcsname***

Explanation

An error was found in the VVDS (it will show up on an IDCAMS DIAGNOSE). This error made it impossible to use fast I/O routines. Slowdown mode was invoked instead.

Severity

00

CKF0191 **NOCLOSE only valid in PARM string**

Explanation

This message indicates that the NOCLOSE parameter does not work unless present in the parameter string.

Severity

16

CKF0192 **NODCBE only valid in PARM string**

Explanation

This message indicates that the NODCBE parameter does not work unless present in the parameter string.

Severity

16

CKF0193 **NODUMP only valid in PARM string**

Explanation

This message indicates that the NODUMP parameter does not work unless present in the parameter string.

Severity

16

CKF0194 **Unexpected return code *hhhhhhhh* from IARV64 REQUEST=LIST for *xxxx* memory**

Explanation

An IARV64 REQUEST=LIST macro failed with return code *hhhhhhhh*. In the message, *xxxx* can be either XSHR or XCOM. IARV64 REQUEST=LIST is used to retrieve information about 64-bit memory objects. There are two types of memory objects for which CKFCOLL will request information. These are Shared Memory Objects that zSecure refers to as XSHR objects, and Common Memory Objects that zSecure refers to as XCOM objects. As a result of this error, it is likely that information about Shared or Common memory objects will be missing from the CKFREEZE file.

User response

This error might be caused by running zSecure on an operating system that is not supported, or by recent maintenance to the operating system that might have affected IARV64. It might also be caused by a memory corruption. For further information about the error, refer to the return codes for IARV64, which are documented in the *MVS Programming: Authorized Assembler Services Reference* manuals, SA23-1371 to SA23-1375. If the problem persists, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKF0195 ***tttt* abend *xxx-nn* (description) in IARV64 REQUEST=LIST processing. *xxxx* info missing**

Explanation

An abend occurred while processing an IARV64 REQUEST=LIST macro . In the message,

- *tttt* will be either System or User, that is, the type of abend
- *description* describes the abend
- *xxxx* will be either XSHR or XCOM.

IARV64 REQUEST=LIST is used to retrieve information about 64-bit memory objects. There are two types of memory objects for which CKFCOLL will request information. These are Shared Memory Objects which

zSecure refers to as XSHR objects, and Common Memory Objects which zSecure refers to as XCOM objects. As a result of this error, it is likely that information about Shared or Common memory objects will be missing from the CKFREEZE file.

User response

This error might be caused by running zSecure on an operating system that is not supported, or by recent maintenance to that operating system, which might have affected IARV64. It might also be caused by a memory corruption. For further information about the error, refer to the return codes for IARV64 documented in the series of manuals "MVS Programming: Authorized Assembler Services Reference SA23-1371 to SA23-1375". If the problem remains, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0196 **Unexpected IXCCPLX processing *type* abend *xxx-nn* (*explanation*)**

Explanation

This message indicates that an abend occurred while processing the IXCCPLX. The couple data set definition records will be missing from the file.

Severity

04

CKF0197 **Unexpected *type* abend *xxx-nn* (*explanation*) during IEEQEMCS**

Explanation

This message indicates that an unexpected abend condition was encountered while executing IEEQEMCS. This may be accompanied by a system dump. Information on EMCS consoles will be missing from the CKFREEZE file. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0198 **Unexpected IEEQEMCS RC=*nn* RSN=*nn***

Explanation

This message indicates that an unexpected return code and reason code was returned by the IEEQEMCS service. Information on EMCS consoles will be missing from the CKFREEZE file. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0199 **Unsupported UCM level *xx***

Explanation

This message indicates that a newer control block layout was encountered than currently supported for analyzing consoles. Information on consoles will be missing from the CKFREEZE file. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF messages from 200 to 299

CKF0200 **OBTAIN return code *rc* on *type* data set *volser datasetname***

Explanation

This message indicates that the data set *datasetname* (which is supposed to be a *type* data set) could not be found by the OBTAIN service of MVS. The return code returned by the service is *rc*.

Severity

00

CKF0201 **Access denied to one or more APF authorized features - adjust FOCUS or drop APF authorization**

Explanation

This message indicates that the user has insufficient authority on the proper resource. He either has to change the requested function, obtain a READ permit to the proper CKF.*focus* resource, or drop APF authorization (for example, by adding a non-authorized STEPLIB).

Severity

12

CKF0202 **Resource profile does not permit use of FOCUS=AUDIT* - *class* CKF.AUDIT**

Explanation

This message indicates that the user has insufficient authority on the indicated resource (SAF return code 8). AUDIT* means either AUDITACF2, AUDITRACF or AUDITTSS.

Severity

12

CKF0203 **Skipping empty *type dev volser cluster***

Explanation:
A VSAM data set of type *type* (CKDS, PKDS, or TKDS) was skipped because its high-used RBA was 0.

Severity

00

CKF0204 **Resource not defined - *class profile***

Explanation

This message indicates that the indicated profile cannot be found (RACF return code 4 while class is active). Message CKF0211 will follow.

Severity

00

CKF0205 **ESM return code *nnnnnnnn* hex, reason code *nnnnnnnn* hex *class profile***

Explanation

This message indicates the ESM return code and reason code returned in the first two fullwords of the RACROUTE REQUEST=AUTH parameter list by SAF. Generally, the meaning is explained in additional messages, or, for return code 8, in an ICH408I message issued by RACF in the job log. This message is mainly for debugging purposes. The meanings of the reason codes are documented in the ESM documentation.

Severity

12

CKF0206 **ESM not installed, no authorization check possible**

Explanation

This message indicates that no resource access control is present on the system, as indicated by return code 24 on the RACSTAT macro. All operations requested will be allowed.

Severity

00

CKF0207 **ESM inactive, no authorization check possible**

Explanation

This message indicates that no resource access control is active on the system. All operations requested will be allowed.

Severity

00

CKF0208 **SAF class *class* not defined in CDT, no authorization check possible**

Explanation

This message indicates that the resource class indicated is not defined in the SAF Class Descriptor Table. All operations requested will be allowed.

Severity

00

CKF0209 **SAF class *class* not active, no authorization check possible**

Explanation

This message indicates that protection for the resource class indicated has not been activated on the system. This message will be followed by message CKF0210 or CKF0214 indicating the focus for which an authorization check was requested.

Severity

00

CKF0210 **Authorization checking for class *class* must be active to use FOCUS=*focus***

Explanation

This message explains that zSecure Collect does not collect protected auditing information specifically requested by FOCUS=*focus* for a user unless this is specifically allowed by a security resource. The *focus* can be ALERT*, AUDIT*, or QRADAR*. To be able to check the resource, the indicated *class* must be activated.

Severity

12

CKF0211 **Resource profile must be present to use FOCUS=AUDIT* - *class* CKF.AUDIT**

Explanation

This message explains that zSecure Collect will refuse to collect auditing information specifically requested by FOCUS=AUDIT* for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource.

Severity

12

CKF0212 **Unexpected *code* reading above-bar resident directory**

Explanation:
An abend *code* occurred while trying to read ACF2 resident directories above the 2GB boundary.

User response:
To see if this message can be prevented in the future, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKF0213 **Unexpected *code* reading above-bar resident directory rules**

Explanation:
An abend *code* occurred while trying to read ACF2 resident rules above the 2GB boundary.

User response:
To see if this message can be prevented in the future, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKF0214 **Authorization checking for class *class* must be active to use FOCUS=*focus***

Explanation

This message explains that zSecure Collect. will refuse to collect protected auditing information specifically requested by FOCUS=*focus* for a user unless this is specifically allowed by a security resource. To be able to check the resource, the indicated class must be activated. The *focus* can be ADMIN* or VISUAL.

Severity

12

CKF0215 **Resource profile must be present to use FOCUS=ADMIN* - *class* CKF.ADMIN**

Explanation

This message explains that zSecure Collect will refuse to collect auditing information specifically requested by any of the ADMIN* FOCUS specifications for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource.

Severity

12

CKF0216 **Resource profile does not permit use of FOCUS=ADMIN* - *class* CKF.ADMIN**

Explanation

This message indicates that the user has insufficient authority on the indicated resource (SAF return code 8).

Severity

12

CKF0217 **Free ddname *ddname***

Explanation:
Message issued when DEBUG or INFO is active to help understand when a FREE is being attempted for a DD name.

Severity:
00

CKF0218 **Number of Coupling Facilities queried: *nn*, Structures: *nn*, Function DSNs: *nn***

Explanation:
This is an informational message that shows the total number of Coupling Facilities that were processed and the total number of structures and coupling data sets that were found.

Severity:
00

CKF0219 **Free ddname *ddname*, use count is *number***

Explanation:
This message is issued only when DEBUG or INFO is active, to indicate that FREE is being performed for *ddname* during the program cleanup process.

Severity:
00

CKF0220 **URL for zSecure documentation: *link_to_zSecure_documentation***

Explanation

This message is issued at the end of the program run and provides a link to the zSecure documentation:

- zSecure Suite
- zSecure Manager for RACF z/VM

Select your organization's current zSecure version.

Severity

00

CKF0221 **Unexpected CSVDYNEX return code *nnn* reason code *nnn* (decimal)**

Explanation

This message is issued if the CSVDYNEX LIST service fails. The return codes are documented in your MVS system in the macro CSVEXRET. If the return code is 8 and the reason code 2052 decimal, then this means that the caller was not APF-authorized and did not have a READ permit on FACILITY CSVDYNEX.LIST.

Severity

04

CKF0222 **RMF not active or running under VM - LCU selection invalid**

Explanation

This message is issued if the RMF control blocks used for LCU processing cannot be found. This can be caused by a system without RMF or under a VM release that does not allow service processor diagnose instructions.

Severity

16

CKF0223 **Skipping module *name1* [*name2*] at <*address*> ASID=*asid* tag=*tag* - no RMODE64 support yet.**

Explanation:
This message can be issued in response to an INFO request. RMODE64 modules are not yet supported for CHECK=Y and SCAN=Y, as CKFCOLL is a 31-bit program.

Severity

00

CKF0224 **Unsupported IDENTIFY IDR data in *dev volume dsname(member)***

Explanation:
This message indicates that the format of IDENTIFY IDR data for the specified program object could not be recognized. PTF level information might be missing or incomplete for this program object.

Severity

04

CKF0225 **SVC number to scan for must be in range 0..255**

Explanation

This message is issued if the SCANSVC parameter contains a list entry with a value that is not in the range 0 though 255.

Severity

12

CKF0226 **Number of RMM control records copied: *nnn***

Explanation

This message, shown if RMM=YES was specified or implied, shows the number of records copied from the RMM control data set.

Severity

00

CKF0227 **Disk data records checked: *nnn* MB in *nnn* members**

Explanation

This message, shown if CHECK=YES was specified or implied, shows the number of megabytes of data that were read and summarized by the checksum algorithms, as well as the number of PDS members that contained this data.

Severity

00

CKF0228 **Unsupported IDENTIFY IDR data in *dev volume dsname*(*member*)**

Explanation

This message indicates that the format of IDENTIFY IDR data for the specified load library member could not be recognized. PTF level information may be missing or incomplete for this member.

User response

When specifying parameters for data collection, include the PARM= parameter specification in the CKFCOLL batch JCL.

Severity

04

CKF0229 **PDS dirblk key/data len *kk/nnn* instead of 8/256 for *dev volume dsname* rel track *nnnn***

Explanation

This message indicates that the format of a directory block for the specified load library member was not supported. The rest of the track is skipped. Possibly the data set has DSORG=PO but no initialized directory.

Severity

08

CKF0230 **Number of TLMS base records copied: *nnn***

Explanation

This message, shown if VMF=YES was specified or implied, shows the number of volume base records copies from the TLMS volume master file.

Severity

00

CKF0231 **Number of TLMS data set cells copied: *nnn***

Explanation

This message, shown if VMF=YES was specified or implied, shows the number of data set records copied from the TLMS volume master file.

Severity

00

CKF0232 **Number of ABR archive records copied: *nnn***

Explanation

This message, shown if ABR=YES was specified or implied, shows the number of records copied from the ABR archive control file.

Severity

00

CKF0233 **Unexpected CSRSI return code *xxxxxxxx***

Explanation

This message indicates that the CSRSI service returned an unexpected return code. As a result, less CPU detail information will be dumped.

Severity

00

CKF0234 **No valid data found on track *nnn***

Explanation

This message is shown if I/O was done to a track but nothing was found on the track. This is not a normal situation; see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0235 **MON msg *nnn*: *text***

Explanation

This message is shown during MONITOR processing. The number *nnn* corresponds to a proper zSecure Collect message. See the appropriate CKF*nnn*I message for an explanation.

Severity

08

CKF0236 **CKFCMON internal error on *text***

Explanation

This message is shown during MONITOR processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0237 ***type* abend *xxx-nn (explanation)* during ERBSMFI processing**

Explanation

This message is shown if ERBSMFI, the RMF interface module was abnormally terminated during MONITOR processing. If you cannot find an obvious cause, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0238 ***parm* must be less than 1440 (1 day)**

Explanation

The MONITOR or INTERVAL parameter was specified as a number of minutes greater than 1440. Both parameters must be less than 1 day.

Severity

12

CKF0239 **Unable to obtain storage of *n* bytes to read SMS configuration data.**

Explanation:
zSecure Collect does not have enough storage available to read the SMS configuration. *n* indicates the required storage amount.

User response:
Increase the REGION value on the JOB or STEP card. It can also be beneficial to use the STORAGEGC command, although this increases CPU usage.

Severity

08

CKF0240 **Selections on the volume, data set, and Db2 levels cannot be combined into one statement**

Explanation

SELECT and EXCLUDE can be used to specify selections on the following levels:

- Device or volume level
- Data set level
- Db2 level

However, specifications on these distinct levels must not be combined into a single statement. This message can be suppressed, but be aware that results are undefined.

Severity:
04

CKF0242 **Dynamic exit info omitted, SAF READ access required on FACILITY class entity CSVDYNEX.LIST if non-APF**

Explanation

This message is issued if the CSVDYNEX LIST service fails. The CSVDYNEX return code was 8 and the reason code 2052 decimal. This is documented in your MVS system in the macro CSVEXRET. It means that the caller was not APF-authorized and did not have a READ permit on FACILITY CSVDYNEX.LIST.

Severity

04

CKF0243 **Resource profile must be present to use FOCUS=QRADAR* - *class* CKF.QRADAR**

Explanation

This message explains that zSecure Collect does not collect auditing information specifically requested by any of the QRADAR* FOCUS specifications for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource. The check for CKF.QRADAR is not done if an AUDIT* focus is also specified or implied.

Severity

12

CKF0244 **Resource profile does not permit use of FOCUS=QRADAR* - *class* CKF.QRADAR**

Explanation

This message indicates that the user has insufficient authority on the indicated recourse (SAF return code 8). The check for CKF.QRADAR is not done if an AUDIT* focus is also specified or implied. In that case, a permit on CKF.AUDIT is also sufficient.

Severity

12

CKF0245 **Unexpected block length *nnn* at rel track *nnn* R*nn* of *type vol dataset***

Explanation

This message indicates that a track read contained an unexpected block size. The remainder of the track is skipped. The current relative track number and physical record number are shown in decimal. The *type* can be TMC or VMF. This message is only issued for a TMC or VMF when the block length reported is an integer multiple of the record length, so that the block would have been valid for a last block; however, this was not the last block.

Severity

08

CKF0246 **Empty tracks in CA not skipped, more than 32 blocks in CI - *nn* blk/CI cluster *dsname***

Explanation

This message indicates that the internal I/O optimization algorithm could not finish processing because it only supports 32 physical blocks per control interval. Instead, it will always read all tracks of a control area, even if some tracks are empty. This slightly reduces the I/O performance, it does not indicate any loss of data.

Severity

04

CKF0247 **Invalid index record header for *catname* on *volser***

Explanation

This message occurs if the vertical pointer mask conflicts with the number of CI pointers.

Severity

08

CKF0248 **OPEN abend 213-04 on device *dev* volume *volser* for *dsname***

Explanation

The data set named *dsname* could not be opened for input on device *dev*. zSecure Collect issues this message (instead of CKR030I) when it was looking for an APF library the user did not explicitly indicate, and the library apparently is not physically present on the volser. The sensitivity report produced by zSecure Audit for RACF will properly show this, and there is no reason to assume any reports will be invalidated by this condition.

Severity

04

CKF0249 **Empty tracks in CA not skipped, more than 2048 blocks in CA - *nnn* blk/CA cluster *dsname***

Explanation

This message indicates that the internal I/O optimization algorithm could not finish processing because it only supports 2048 physical blocks per control area. Instead, it always reads all tracks of a control area, even if some tracks are empty. This slightly reduces the I/O performance; it does not indicate any loss of data. Consider reviewing whether the data set should be reblocked, because more than 2048 blocks per CA means that it has an extremely inefficient blocking factor.

Severity

04

CKF0250 **Skipping VSAM extent slack *n* trk of *extentsize* at rel trk *nnn* in *vol dsname***

Explanation

This message indicates that a VSAM data set had slack space at the end of an extent. It was skipped. If you want, you can reallocate the data set to reclaim wasted space and get rid of this message. If the message persists even after reallocation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKF0251 **Slowdown mode invoked for *vol dsname***

Explanation

This message indicates that a VSAM data set will be read with the slower method, but no more specific error message as to the reason is available.

Severity

00

CKF0252 **Open failed for ACF2 Unload file *ddname***

Explanation

This message indicates that the ACF2 Unload file mentioned could not be opened.

Severity

00

CKF0253 ***type* abend *xxx-nn (explanation)* on *dev volser dsname***

Explanation

An abend that could not be handled by the OPEN abend exit occurred during opening of the data set *dsname* on the volume and device indicated.

Severity

08

CKF0254 ***type* abend *xxx-nn (explanation)* on *dev volser dsname***

Explanation

An abend that could not be handled by the OPEN abend exit occurred during opening of the data set *dsname* on the volume and non-DASD device indicated.

Severity

08

CKF0255 ***type* abend *xxx-nn (explanation)* on *dev volser dsname***

Explanation

An abend that could not be handled by the OPEN abend exit occurred during opening of the DASD catalog index *dsname* on the volume and device indicated.

Severity

08

CKF0256 **Slowdown mode invoked because Extended Format *vol dsname***

Explanation

This message indicates that a VSAM data set will be read with the slower method, because it is an Extended Format data set.

Severity

00

CKF0257 **RACROUTE *type* abend *xxx-nn (explanation)***

Explanation

An unexpected RACROUTE abend occurred.

Severity

08

CKF0258 **STATUS=ACCESS not allowed for this user (system abend 047)**

Explanation

The current non-APF run of zSecure Collect does not run under a logon ID that is authorized to do RACROUTE STATUS=ACCESS calls. This can be remedied by using the NOAPFCHK keyword on a SAFDEF record that describes the zSecure Collect environment:

```
INSERT SAFDEF.apf PROGRAM(CKFCOLL)
RB(CKFCOLL)
NOAPFCHK RACROUTE
(REQUEST=AUTH,CLASS=DATASET,
STATUS=ACCESS)
```

Severity

00

CKF0259 **No storage available for I/O buffer**

Explanation

zSecure Collect did not have enough storage available to create an I/O buffer of adequate size. This will result in program termination. Allocate a larger region for the zSecure Collect run to avoid this problem.

Severity

12

CKF0260 **UCBSCAN does not return device *hhhh volser***

Explanation

This message indicates that the UCBSCAN service did not return information for the indicated device. The intended authorized I/O function will not be performed. This might be due to a dynamic change during the zSecure Collect run. If this error recurs in another run, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0261 **Corrupted length found while reading IX on *dev volser dsname***

Explanation

While reading the index of the data set mentioned conflicting length specifications were found. This is usually indicative of a corrupted data set. Further processing for this data set will be skipped.

Severity

08

CKF0262 **Not a cluster or component name -- *dsn***

Explanation

This message indicates that a name was passed as if it were a VSAM cluster or data component name, but it is neither a cluster name nor a data component name.

Severity

08

CKF0263 **Unexpected return code *nn* dec during LISTCAT VOL of *dsn***

Explanation

This message indicates a failure to locate a VSAM data component name in the catalog. The component will be skipped. If you think the program should have found it, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0264 **Unexpected *type* abend *xxx-nn (explanation)* during LISTCAT VOL of *dsn***

Explanation

This message indicates an a failure to locate a VSAM data component name in the catalog; an abend was encountered. The component will be skipped. If you think the program should have found it, see the IBM Support Community for

possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0267 **Unexpected eye catcher *eye catcher* for program object header of *volume dsname*(*member*)**

Explanation

The indicated program object has an unknown layout. Checksum and IDR processing are skipped for this member.

Severity

08

CKF0268 **Program object header length *hexnum* larger than blocksize *hexnum* for *volume dsname*(*member*)**

Explanation

Checksum and IDR processing for PDSEs requires the complete header of a program object to be present within the first block read. If this is not the case, processing is skipped.

Severity

08

CKF0269 **Unsupported program object level *hexnum* for *volume dsname*(*member*)**

Explanation

The indicated program object has an unknown layout. Checksum and IDR processing are skipped for this member.

Severity

08

CKF0270 **PDSE processing requires BPAM**

Explanation

NOBSAMBPAM has been specified in the PARM string, specifying that the program should not use BPAM. However, checksum processing and IDR processing for PDSEs require BPAM. This processing will be skipped for all PDSEs.

Severity

08

CKF0271 **NOBSAMBPAM only valid in PARM string**

Explanation

This message indicates that the NOBSAMBPAM parameter does not work unless present in the parameter string.

Severity

16

CKF0272 **RACSTAT unexpected RC. CLASS='*class*' SAFRC=*safrc* RACFRC=*racfrc* RSNCODE=*rsn***

Explanation

While retrieving the dynamic class descriptor table from the system using RACROUTE REQUEST=STAT calls, the program received a return code indicating an error. zSecure Collect will stop processing the dynamic CDT. To determine the cause of the error, you can look up the return codes in the *Security Server RACF RACROUTE Macro Reference*.

Note that if the error occurs halfway through processing the CDT (*class* will be other than all blanks) zSecure Collect will store part of the CDT in the CKFREEZE file. This partial dynamic CDT will be used by zSecure Admin and Audit. If the error happens before any class setting is returned (which is more probable) zSecure Collect does not store the dynamic CDT at all. In that case, zSecure Admin and Audit will use the static CDT for processing.

Severity

04

CKF0273 ***ddname volser dsname(member) - problem description***

Explanation

The program encountered an unexpected condition while processing the IDRDATA of a program object. If problem description indicates that the IDRDATA was truncated, it turned out that the program object contained more IDRDATA than the amount buffered (as governed by the PDSEBUFSIZE parameter). In this case, the IDRDATA written to the CKFREEZE will be

incomplete for the indicated member. Any other value of problem description indicates an unknown layout of the program object, in which case all IDRDATA information for this member will be missing from the CKFREEZE.

Severity

04

CKF0274 ***ddname volser dsname*(*member*) has code size 0**

Explanation

The indicated program object does not actually contain anything in binder class B_TEXT. Checksum processing is completed really fast for this member. This informational message is issued only if the INFO option was selected.

Severity

00

CKF0275 **PDSE buffer size *decnum* must lie between 1 and 1024**

Explanation

The PDSEBUFSIZE parameter accepts only values in the range of 1 to 1024, inclusive.

Severity

16

CKF0276 **CKFREEZE file could not be opened**

Explanation

The program failed to open the CKFREEZE file. Verify that a CKFREEZE DD statement is present, and that the allocation parameters are correct.

Severity

12

CKF0277 **Device *dev volser* does not respond within *nn* seconds during *CCW opcode***

Explanation

This message indicates that a missing interrupt was detected for I/O of the indicated type. If this was the first I/O (SenseId) to the device during an APF authorized run, no attempt will be made to dynamically allocate the volume with SVC 99, and the run will continue without hanging. If the run was not APF authorized, or if this was not the SenseId I/O, then the run may hang in subsequent processing performed by the operating system.

Severity

08

CKF0278 **Device *dev volser* has stopped responding within *nn* seconds on *ddname* during *CCW opcode***

Explanation

This message indicates that a missing interrupt was detected for a track read of an already open data set. The run will attempt to recover, but probably the data set close will hang as well.

Severity

08

CKF0279A **Respond 'U' to terminate hang test on volume *VOLUME***

Explanation

This WTOR on the operator console indicates that the DEBUGHANGVOLUME parameter was used to test error recovery behavior.

CKF0280 **Unexpected returncode *rc* in IFAEDLIS call, no enable information dumped.**

Explanation

No information on the enablement of products and features on this system could be collected because the call to the IFAEDLIS service failed. The return codes are documented on your MVS system in macro IFAEDIDF.

Severity

08

CKF0281 **ACF2 resident resource rules are not processed.**

Explanation

Since the program is not running APF, it cannot access information in fetch protected storage.

Severity

00

CKF0282 **Resource profile must be present to use FOCUS=ALERT - *CLASS* CKF.ALERT**

Explanation

This message explains that zSecure Collect will refuse to collect auditing information specifically requested by any of the ALERT* FOCUS specifications for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource. The check for CKF.ALERT will not be done if an AUDIT* focus is also specified or implied.

Severity

12

CKF0283 **Resource profile does not permit use of FOCUS=ALERT - *class* CKF.ALERT**

Explanation

This message indicates that the user has insufficient authority on the indicated resource (SAF return code 8). The check for CKF.ALERT will not be done if an AUDIT* is also specified or implied. In that case a permit on CKF.AUDIT is also sufficient.

Severity

12

CKF0284 **Resource profile must be present to use FOCUS=TCIM* - *class* CKF.TCIM**

Explanation

This message explains that zSecure Collect does not collect auditing information specifically requested by any of the TCIM* FOCUS specifications for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource. The check for CKF.TCIM is not be done if an AUDIT* focus is also specified or implied.

Severity

12

CKF0285 **Resource profile does not permit use of FOCUS=TCIM* - *class* CKF.TCIM**

Explanation

This message indicates that the user has insufficient authority on the indicated recourse (SAF return code 8). The check for CKF.TCIM is not done if an AUDIT* focus is also specified or implied. In that case, a permit on CKF.AUDIT is also sufficient.

Severity

12

CKF0286 **Resource profile must be present to use FOCUS=VISUAL - *class* CKF.VISUAL**

Explanation

This message explains that zSecure Collect will refuse to collect auditing information specifically requested by FOCUS=VISUAL for a user unless this is specifically allowed by a security resource. To be able to check the resource, a profile must be defined that covers the resource. The check for CKF.VISUAL will not be done if FOCUS=ADMINRACF is also specified or implied.

Severity

12

CKF0287 **Resource profile does not permit use of FOCUS=VISUAL - *class* CKF.VISUAL**

Explanation

This message indicates that the user has insufficient authority on the indicated resource (SAF return code 8). The check for CKF.VISUAL will not be done if FOCUS=ADMINRACF is also specified or implied. In that case a permit on CKF.ADMIN is also sufficient.

Severity

12

CKF0288 **STORAGEGC only valid in PARM string**

Explanation

This message indicates that the STORAGEGC parameter does not work unless present in the parameter string.

Operator response

When specifying the STORAGEGC parameter, include the ALLOCATE command in the PARM= parameter in the batch JCL.

Severity

16

CKF0289 **Entry point *address* not in extent for *control block module*[/*module*]**

Explanation

When examining an LPDE or CDE control block describing the indicated in-storage module, it was found that the module's entry point is outside the storage range where the module allegedly resides. This condition is most likely a by-product of front-ending. Since in this situation there is no way to determine where the module resides, the information regarding this routine that is written to the CKFREEZE will be incomplete.

Severity

04

CKF0290 **LICENSE must precede FOCUS and licensed parameters**

Explanation

This message indicates that a specification of the LICENSE data set name must precede any use of a licensed parameter or the FOCUS keyword. Note that this keyword is now deprecated and no longer functional.

Severity

12

CKF0291 **SERIALIZATION options *option1* and *option2* are mutually exclusive**

Explanation

You cannot both WAIT and FAIL if the ENQ request cannot be immediately satisfied. Neither can you request that the program issue an ENQ and not issue an ENQ (NOENQ) at the same time.

Severity

16

CKF0292 **Unsupported value *nn* for MAXWAIT: not in the range 1..59**

Explanation

SERIALIZATION=(MAXWAIT) supports only values in the range of 1 through 59, inclusive.

Severity

16

CKF0293 **Program not authorized. Disabled APF serialization options UNIT, VOLSER, ENQ(SYSDSN), and MAXWAIT**

Explanation

SERIALIZATION was specified with at least one of the following parameters: UNIT, VOLSER, ENQ(SYSDSN), or MAXWAIT. Having dynamic allocation wait until the unit or volser becomes available requires APF authorization. The same is true for requesting an ENQ on QNAME SYSDSN, and for specifying a maximum time to wait until the ENQ request can be specified. Because the program lacks this authorization, it will not wait for units or volsers, will not request ENQs on SYSDSN, and will ignore the specified value for MAXWAIT.

Severity

04

CKF0294 **Symbol *symbol* was unknown, treated as empty. [IF result: *result*]**

Explanation

The tested symbol could not be found in the Static System Symbol table, nor was it SMFID. For the purposes of resolving the IF statement, it is considered to contain an empty string. The IF statement evaluated to *result* (either **true** or **false**). When syntax or entitlement errors have been found earlier in the run, the latter part of the message is not shown, since the correct evaluation of the IF cannot be guaranteed.

Severity

00

CKF0295 **IF statements might not evaluate correctly**

Explanation

This message is preceded by a CKF0000 message, indicating an error addressing the symt control block

(Static System Symbol table). This table could not be read completely. IF statements in the input might not be correctly resolved. This error is only issued when IF statements are present in the input, and can be suppressed. If this error occurs consistently, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0296 **Symbol *symbol* resolved to "*value*". IF result: *result***

Explanation

The tested symbol was found to have value value. The IF statement evaluated to *result* (either **true** or **false**). This message is not issued if syntax or entitlement errors have been found earlier in the run, since the correct evaluation of the IF cannot be guaranteed.

Severity

00

CKF0297 **Number of allocations: static *sss* dynamic *nnn*, freed *fff*, max allowed *mmm* due to TIOT SIZE(*ss*)**

Explanation

This message indicates how many static DDName allocations were present, how many SVC 99 calls were made for dynamic allocations, and how many files were freed individually to make room because the maximum was about to be reached. The maximum is determined by the TIOT SIZE() parameter in PARMLIB member ALLOCxx (this determines the physical number of bytes available for DDnames, it varies depending on the number of (candidate) volsers per DDname), and to a much lesser extent by the actual DYNAMNBR which determines how many unused files may be around. zSecure Collect always deallocates files it frees, so that it does not create additional not-in-use DDnames. The relation between TIOT SIZE and the number of DDnames is approximately as follows:

- SIZE(16) means 819 ddnames
- SIZE(32) means 1635 ddnames
- SIZE(64) means 3273 ddnames

For more details on TIOT SIZE, see the ALLOCxx parmlib member in the *z/OS MVS Initialization and Tuning Reference*.

Severity

00

CKF0298 **Need DDname slot, [premature free of *ddname* [*vol*] *dsn* | nothing to free]**

Explanation

This message warns of imminent problems because of unsufficient TIOT size. If the message indicates that a file was deallocated (premature free of *ddname* [*vol*]), then it would have been better to leave the file allocated (because of performance and because of serialization with another program, such as DFHSM). If the message indicates "nothing to free," this run or subsequent runs of zSecure Collect might easily fail (the headroom is less than 10 files) with a message like IKJ56866I FILE ddname ALLOCATED NOT DATA SET, CONCURRENT ALLOCATIONS EXCEEDED. Find message 297 at the end of the SYSPRINT for the overall picture.

Severity

04

CKF0299 **Need DDname slot, freeing *ddname***

Explanation

This message is issued in response to an INFO request and reflects normal reuse of a DD name (TIOT) slot.

Severity

04

CKF messages from 300 to 399

CKF0300 **BPX1GMN failed rc=*hexrc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of BPX1GMN. The reason code consists of two halfwords. The first is the reason code qualifier,

the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0301 **BPX1OPD failed rc=*hexrc* reason=*reason* for '*path*' depth *depth***

Explanation

This message indicates that an error occurred during the execution of BPX1OPD. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in *the UNIX System Services Messages and Codes* manual.

Severity

08

CKF0302 **BPX1RD2 failed rc=*hexrc* reason=*reason* path '*path*'**

Explanation

This message indicates that an error occurred during the execution of BPX1RD2. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual. For debugging purposes a hex dump of the UIO control block is printed. This area is mapped by the BPXYFUIO macro, and described in the UNIX System Services Assembler Callable Services manual.

Severity

08

CKF0303 **BPX1CLD failed rc=*hexrc* reason=*reason* path '*path*'**

Explanation

This message indicates that an error occurred during the execution of BPX1CLD. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0304 **BPX1CHD failed rc=*hexrc* reason=*reason* for .. before *path***

Explanation

This message indicates that an error occurred during the execution of BPX1CHD. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0305 **BPX1CHD failed rc=*hexrc* reason=*reason* for '*path*' depth *depth***

Explanation

This message indicates that an error occurred during the execution of BPX1CHD. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0306 **Unexpected current depth *depth* for *dirdepth* '*path*'**

Explanation

This message indicates that the directory mentioned, at nesting level *dirdepth* was scheduled to be read. However, the current nesting level is different from the one needed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0307 **Number of Unix directory entries copied: *nn* from *nn* directories in *nn* file systems**

Explanation

This message, shown if UNIX=Y was specified or implied, shows the number of Unix directories read and dumped by zSecure Collect.

Severity

00

CKF0308 **OMVS is inactive**

Explanation

This informational message indicates that UNIX System Services is not active on this system.

Severity

00

CKF0309 **BPX1RDX failed rc=*hexrc* reason=*reason* on '*path*'**

Explanation

This message indicates that an error occurred during the execution of BPX1RDX. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0310 **BPX1RDL failed rc=*hexrc* reason=*reason* on '*path*'**

Explanation

This message indicates that an error occurred during the execution of BPX1RDL. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0311 **BPX1GMN failed retval=*retval* rc=*rc* reason=*reason* for device *number***

Explanation

This message indicates that an error occurred during the execution of BPX1GMN for the indicated device. The reason code consists of two halfwords; the first is the reason code qualifier, the second the reason code. The return code and reason code together describe the problem that occurred and are documented in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0312 **Symlink crosses automount point '*mountpoint*' for '*target*':**

Explanation

This informational message indicates that while processing the symlink to *target*, an automountpoint was passed. This message is issued only if the INFO option is selected.

Severity

00

CKF0313 **Extra MNTE needed for device *device* of '*target*'**

Explanation

This informational message indicates that an extra mountpoint control block is needed for the reading of the contents of the *target* directory on *device*. It is issued only if the INFO option was selected.

Severity

00

CKF0314 **DIRSRCH (x) not allowed on directory '*target*'**

Explanation

zSecure Collect was not allowed to search the *target* directory. No information on the contents of this directory will be dumped.

Severity

00

CKF0315 **OPENDIR (r) not allowed on directory '*target*'**

Explanation

zSecure Collect was not allowed to open the *target* directory. No information on the contents of this directory will be dumped.

Severity

00

CKF0316 ***type* abend *xxx-nn (explanation)* during Unix processing**

Explanation

This message indicates that a nonrecoverable abend occurred during Unix processing. The Unix File System information might not be complete. For information on the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0317 **Internal error: no MNTP for '*directory*'**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0318 **CATALOG OBTAIN return code hex *rc* probably failed automount of '*target*'**

Explanation

An error occurred during the CATALOG OBTAIN for the *target* directory. No information on the contents of this directory will be dumped.

Severity

00

CKF0319 **Automount attempted for '*target*'**

Explanation

This informational message indicates that an automount for the directory mentioned will be attempted. It is issued only if the INFO option was selected.

Severity

00

CKF0320 ***type* abend *xxx-nn (explanation)* during geteuid - unable to perform UNIX=Y processing**

Explanation

This message indicates that a nonrecoverable abend occurred during geteuid processing. No Unix File System information will be dumped. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0321 **Switched to effective UID 0**

Explanation

This informational message indicates that a seteuid 0 call was successful. It is issued only if the INFO option was selected.

Severity

00

CKF0322 **Switched to effective UID *uid***

Explanation

This informational message indicates that a seteuid *uid* call was successful. It is issued only if the INFO option was selected.

Severity

00

CKF0323 **Seteuid 0 failed rc=*hexrc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the seteuid 0 command. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual. UNIX information will be dumped only partially.

Severity

04

CKF0324 **Seteuid *uid* failed rc=*hexrc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the seteuid *uid* command. This can mean that zSecure Collect will continue running under an effective UID of 0. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0325 **AUTOMOUNT=N and directory not mounted '*target*'**

Explanation

This informational message indicates that contents of directory *target* will not be dumped because the directory is not mounted and AUTOMOUNT=NO was specified.

Severity

00

CKF0326 **Schedule MNTE device *number* DIRP *path***

Explanation

This informational message indicates that the directory mounted on the indicated path is scheduled to be read. It is issued only if the INFO option was selected.

Severity

00

CKF0327 **Schedule stat() link DIRP *target***

Explanation

This informational message indicates that the directory specified in target is scheduled to be read. It is issued only if the DEBUG option was enabled.

Severity

00

CKF0328 **Start on DIRP *path* depth *depth***

Explanation

This informational message indicates that zSecure Collect starts reading the mentioned directory at nesting level *depth*. It is issued only if the INFO option was selected.

Severity

00

CKF0329 **Postpone dir device *device* for '*target*'**

Explanation

This informational message indicates that the reading of the *target* directory on *device* is postponed. It is issued only if the INFO option was selected.

Severity

00

CKF0330 ***type* abend *xxx-nn (explanation)* during LOAD of exit *exit* from *device volume ddname***

Explanation

This message indicates that a nonrecoverable abend occurred during a LOAD of the indicated *exit*. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0330 ***type* abend *xxx-nn (explanation)* returned by LOAD of exit *exit* from *device***

Explanation

This message indicates that the LOAD of exit has recovered from an abend. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0331 ***type* abend *xxx-nn (explanation)* during DELETE of exit *exit* from *device volume ddname***

Explanation

This message indicates that a nonrecoverable abend occurred during a DELETE of the indicated *exit*. For

information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0332 **BPX1PCT: List aggregates failed. RC=*rc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the BPX1PCT "List Attached Aggregate Names" function. This is not necessarily wrong. This message can for instance also be generated on systems that do not have the zFS file system running. The reason code given consists of two half words. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

04

CKF0333 **BPX1PCT: List aggregate status failed. RC=*rc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the BPX1PCT "List Aggregate Status" function. The reason code given consists of two halfwords. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0334 **BPX1PCT: List file systems failed. RC=*rc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the BPX1PCT "List File System Names" function. The reason code given consists of two halfwords. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0335 **BPX1PCT: List file system status failed. RC=*rc* reason=*reason***

Explanation

This message indicates that an error occurred during the execution of the BPX1PCT "List File System Status" function. The reason code given consists of two halfwords. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes* manual.

Severity

08

CKF0336 **Unexpected DESERV *return_code_description reason_code_description***

Explanation

A call to Directory Entry Services returned the indicated unexpected error. All checksum and IDR processing for the offending PDSE is skipped. Specify the INFO option to capture enough information in SYSPRINT to determine which PDSE caused the problem.

Severity

08

CKF0337 **Task is not APF authorized, but APF authorization needed**

Explanation

This message alerts you to the fact that the program could not obtain authorization while the APF keyword was specified, indicating that authorization is considered essential. The resulting CKFREEZE only contains a zSecure Collect identification record. For additional information, see the section *Authorized or unauthorized?* in the zSecure Collect documentation available in the user reference manual for your zSecure product.

Severity

12

CKF0338 **Number of UNIX ACL records copied: *num* access ACLs, *num* directory default ACLs, *num* file default ACLs**

Explanation

This message, shown if UNIXACL=Y was specified or implied, shows the number of UNIX ACL records dumped by zSecure Collect.

Severity

00

CKF0339 **BPX1PIO failed rc=*hexrc* reason=*reason* for type *type* on '*path*'**

Explanation

This messages indicates that an error occurred during the execution of BPX1PIO. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the *UNIX System Services Messages and Codes* manual. The *type* shown can be **1** for an access ACL, **2** for a file model ACL or **3** for a directory model ACL.

Severity

08

CKF0340 **DIRP for MNTP device *device* *mountpoint***

Explanation

This informational message indicates that the directory on the *mountpoint* and *device* mentioned will be read. It is issued only if the INFO option was selected.

Severity

00

CKF0341 **Empty pathname MNTE for device *device* FS name *file_system_name***

Explanation

This message indicates that the w_getmntent (BPX1GMN) service returned an empty pathname (MNTENTMOUNTPOINT). This can occur if the user running zSecure Collect lacks search authorization to one or more of the directories in the mount point, or if the file system is mounted asynchronously. A mount point entry is written, but the device is not processed further. A UNIX mount report generated from the resulting CKFREEZE will show the mount point empty for the reported file system. A UNIX file report does not show the file system at all.

Severity

04

CKF0342 **Schedule DIRP *target* depth *depth***

Explanation

This informational message indicates that the *target* directory mentioned at nesting level *depth* is scheduled to be read. It is issued only if the INFO option was selected.

Severity

00

CKF0343 **Successful cd .. to depth *depth***

Explanation

This informational message indicates that a successful directory switch upwards to nesting level *depth* has been done. It is issued only if the INFO option was selected.

Severity

00

CKF0344 **Successful cd *target* depth *depth***

Explanation

This informational message indicates that a successful directory switch to *target* on nesting level *depth* has been done. It is issued only if the INFO option was selected.

Severity

00

CKF0345 **Success opendir '*target*'**

Explanation

This informational message indicates that a successful directory open on *target* was performed. It is issued only if the INFO option was selected.

Severity

00

CKF0346 **Perform closedir '*target*'**

Explanation

This informational message indicates that a close on the *target* directory will be performed. It is issued only if the INFO option was selected.

Severity

00

CKF0347 **Duplicate pathname MNTE devices *device1* and *device2* FS name *file_system_name* mountpoint *mountpoint***

Explanation

This message indicates that a second device *device2* is mounted at the same mount point as an earlier device *device1*. The second device for the indicated file system is not processed. zSecure Audit may flag this condition again with message CKR1064.

Severity

08

CKF0348 **Duplicate MNTE for device *device* mountpoint *mountpoint***

Explanation

This message indicates that the mount entry for the indicated *device* was found twice. It is processed only once. zSecure Audit may flag this condition again with message CKR1064.

Severity

04

CKF0349 **BPX1LST failed rc=*hexrc* reason=*reason* for '*pathname*' depth *depth***

Explanation

The lstat() call for the indicated pathname failed. The reason code consists of two halfwords. The first is the reason code qualifier, the second the reason code as described in the UNIX System Services Message and Codes manual. The directory is not processed.

Severity

08

CKF0350 **Device number *olddev* changed to *newdev* during run for '*mountpoint*'**

Explanation

The lstat() call for the indicated mount point returned another device number than was seen when the file system dump was scheduled. This is not properly supported. The zSecure report will show the old device number and mount information that was associated with the old device number, together with the files associated with the new device number. If this is a recurring problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0351 **Device number *dev* assigned to '*mountpoint*'**

Explanation

This informational message indicates that a mount point was encountered that was not present in the mount point table at the start of the zSecure Collect run, and was not seen in its parent directory either. This typically happens when a symlink crosses an automount point into an unmounted directory. This message is only issued if the INFO option was selected.

Severity

00

CKF0352 **The ZFS file system has not been started.**

Explanation

This message indicates that no started ZFS system was found. Therefore, no data on ZFS file systems and aggregates is dumped.

Severity

00

CKF0353 **PC LPA not in common storage, but at *address* target ASID *address space ID***

Explanation

The Latent Parameter Address passed to a PC (Program Call) routine is not in common storage. The value of the Latent Parameter will not be dumped.

Severity

00

CKF0354 ***type*** **abend** ***xxx-nn*** **(*explanation*) during** ***function*** **processing**

Explanation

This message indicates that a nonrecoverable abend occurred during *function* processing. The *function* can be `WRTAGGR` for ZFS Aggregate processing or `WRTCNFG` for Query Config processing. Information about ZFS Aggregates or Sysplex Sharing might not be complete. For information about the common abend codes, see the zSecure Collect documentation in the *User Reference Manual* for your zSecure product.

Severity

08

CKF0355 **BPX1PIO returned a** ***returnedtype*** **ACL - corrected to a** ***requestedtype*** **ACL**

Explanation

The ACL returned by the w_pioctl service (BPX1PIO) did not match the requested ACL type. This might, for example, occur if your z/OS image does not have the service for IBM APAR OW57201 applied. zSecure Collect attempts to correct this error by setting the ACL type to the requested type in the record before writing it to the CKFREEZE file. This may prevent zSecure from issuing CKR1761. The *types* shown can be **access**, **fdefault**, or **default** for an access ACL, file model ACL or directory model ACL, respectively.

Severity

04

CKF0356 **No READ access to data set** ***volser dsn***

Explanation

This message indicates that the user does not have read access to the indicated non-VSAM data set, and hence it will be skipped for processing.

Severity

04

CKF0357 **Task terminating due to EXIT request**

Explanation

During input parsing an EXIT statement was read. The program terminates with the return code specified on the EXIT statement. This message has a severity equal to the value specified in the RC parameter of the EXIT statement.

Severity

variable

CKF0358 **RC should be a number between 0 and 99**

Explanation

The RC keyword of the EXIT command was specified, but did not fall in the supported range. Numbers below zero and above 99 are not supported.

Severity

16

CKF0359 **Unable to dump master catalog, see other messages**

Explanation

The program terminates without having dumped the master catalog as requested. For the cause, look back for DAIRFAIL messages, for instance IKJ56866I FILE ddname ALLOCATED NOT DATA SET, CONCURRENT ALLOCATIONS EXCEEDED. Also look for CKF0297 at the bottom to see if the number of DDnames might be the problem. Occurrence of CKF0298 may also point to a TIOT size problem.

Severity

08

CKF0360 **Slowdown mode invoked because of RLS for volume** ***dsname***

Explanation

Normal VSAM processing was used instead of faster EXCP processing for the specified VSAM cluster because it has Record Level Sharing (RLS).

Severity

00

CKF0361 **Signature verification *action* for *volser dsn(mem)***

Explanation

Signature verification was requested by the SIGVER=YES parameter and the module named in the library either failed verification (*action*=fails) or passed verification (*action*=success).

User response

If the verification failed, look for operator messages ICH44x or run a newlist type=smf report and select on type=80, event=86(1:7) to obtain additional information about the failure. Some possible causes for failure are:

- The module has a bad signature.
- The module has no signature but the RACF profile for the program requires a signature.
- The module has a valid signature but the certificate chain is not valid.

Severity

00

CKF0362 **SIGVER=YES is invalid on a system that does not support signature verification**

Explanation

Signature verification, requested by the SIGVER=YES parameter, cannot be performed on the current system because the system on which CKFCOLL is running does not support signature verification.

User response

Remove the SIGVER=YES parameter and rerun the CKFCOLL job.

Severity

12

CKF0372 **Running an unsupported version *vv.rr.mm* of z/OS, results are unpredictable - please upgrade**

Explanation

This message indicates that zSecure is being run on an operating system level that it is not supported on. The results are unpredictable. Upgrade zSecure to the proper version.

Severity

04

CKF0373 **BPX1PCT ZFS file system information query failed. OC=*nn*, RC=*nn*, REASON=*nn***

Explanation:
The values of the `COMPRESSED, COMPRESS_STATE, ENCRYPTED,` and `ENCRYPT_STATE` fields are missing as the result of an error during the execution of the BPX1PCT ZFS file system information function. This function determines the compression/encryption state of a zFS aggregate.

User response

See the operation, return, and reason codes to resolve the issue:

- OC=*nn* is the operation code qualifier.
- RC=*nn* is the return code qualifier.
- reason=*nn* is the reason code as described in *UNIX System Services Messages and Codes*.

Severity

04

CKF0374 **BPX1PCT ZFS configuration query failed. OC=*nn*, RC=*nn*, REASON=*nn***

Explanation:
This message indicates that an error occurred during the execution of the BPX1PCT ZFS configuration function. This function is used to determine some of the zFS information. The reason code given consists of two half words. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes manual*. As result, the values of the `ZFS_SMF, ZFS_SMF_INTERVAL, ZFS_FORMAT_COMPRESSION, ZFS_FORMAT_ENCRYPTION,` and `ZFS_FORMAT_PERMS` fields (TYPE=SYSTEM) are missing.

User response

See the return and reason codes to resolve the issue:

- OC=*nn* is the operation code qualifier.
- RC=*nn* is the return code qualifier.

- REASON=*nn* is the reason code as described in *UNIX System Services Messages and Codes*.

Severity

04

CKF0375 **Unexpected IEFPRMLB result, RC *hexrc* RSN *hexreason***

Explanation

The IEFPRMLB service unexpectedly returned the indicated *return* and *reason codes*. This can result in missing information about parmlib concatenations activated after IPL. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0376 **Parmlib data set *dsname* not found on volume *volume***

Explanation

The parmlib data set indicated was not found on the volume where it was expected. No attempt is made to restore it, and further processing for this data set is skipped.

Severity

04

CKF0377 **Exactly one DD/DDPREF/DSN/DSNPREF keyword should be specified**

Explanation

A CHECK= statement was read, which did not specify YES/NO, and did not contain a single keyword DD, DDPREF, DSN or DSNPREF. Fix your command parameters, and retry the job.

Severity

12

CKF0378 **TCP/IP stack configuration data cannot be collected on *OS_level***

Explanation

zSecure Collect can only collect TCP/IP stack configuration data for systems running z/OS V1R11 or higher.

User response

If you are running zSecure on a z/OS system that is V1R10 or lower, you can prevent this message by making sure that the zSecure Collect TCPIP parameter is set to NO in the zSecure Collect invocation. For information about setting this parameter, see "zSecure Collect for z/OS" in the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*.

Severity

00

CKF0379 **Unexpected *abend* during LISTCAT of DSNPREF=*dsnpref***

Explanation

This message indicates a failure to locate data set names matching the indicated prefix in the catalog; an abend was encountered. This CHECK statement will be ignored. If you think the program should have found data sets, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0380 **Unexpected return code *nn* dec during LISTCAT of DSNPREF=*dsnpref***

Explanation

This message indicates a failure to locate data set names matching the indicated prefix in the catalog. This CHECK statement will be ignored. If you think the program should have found data sets, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0381 **No matching data sets for CHECK *statement***

Explanation

No data sets were found that matched the statement indicated. If you think the program should have found data sets, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0382 **DD/DDPREF do not support DSORG=**

Explanation

Additional DSORG selection is not supported in combination with the DD and DDPREF keywords on the CHECK statement. Fix your command parameters, and retry the job.

Severity

12

CKF0383 **DD *ddname* concatenations with tape data sets are not supported**

Explanation

The ddname indicated is a concatenation that contains at least one tape data set. This is not supported. Split the concatenation in such a way that each DD statement contains either a concatenation of DASD data sets, or a single tape data set, and retry the job.

Severity

12

CKF0384 **DD *ddname* checksum of a single member is not supported**

Explanation

The indicated ddname contains the allocation of a single member of a PDS(E). This is not supported. Remove the member specification from the allocation statement, and retry the job. A checksum will be computed for all members of the PDS(E) and as well as for the data set in its entirety.

Severity

12

CKF0385 **Using SAF class *class* for resource checks**

Explanation

The resource class indicated is the one previously configured in the Site module, see Appendix A: The Site module in *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKF0386 **IFAQUERY return area too small. Omitted *nnn* log stream records.**

Explanation

Even after passing the *required length* in a second call, there is still not sufficient space to store the SMF log stream data. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0387 **Unexpected return code from IFAQUERY. SMF log stream information is not collected. rc=*hhhhhhhhhhh* hex rsn=*hhhhhhhhhhh* hex**

Explanation

Failure to obtain SMF log stream data. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0388 **Unexpected IXGCONN connect RC *xxxxxxxx* hex reason *yyyyyyyy* hex; data sets will be missing for stream name.**

Explanation

This message indicates failure to connect to an SMF log stream. Data set names backing this log stream are not included in sensitive data and trust analysis reports. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0389 **Unexpected IXGQUERY RC *xxxxxxxx* hex reason *yyyyyyyy* hex; data sets will be missing for stream name.**

Explanation

This message indicates failure to obtain information from a successfully connected SMF log stream. Data set names backing this log stream will be missing from sensitive data and trust analysis reports. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0390 **Unexpected IXGCONN disconnect RC *xxxxxxxx* hex reason *yyyyyyyy* hex for stream name**

Explanation

This message indicates failure to disconnect from a successfully connected SMF log stream. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKF0391 ***type* abend *code-reason (explanation)* during IXGCONN connect for *stream name***

Explanation

This message indicates failure to connect to an SMF log stream. Data set names backing this log stream will be missing from sensitive data and trust analysis reports. If you cannot resolve the abend, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0392 **Unexpected log stream DSN format *dsname* for *stream name***

Explanation

This message indicates the log stream data set name format is not recognized and hence not further analyzed. Data set names backing this log stream will be missing from sensitive data and trust analysis reports. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0393 **Unexpected RC *nn* dec during LISTCAT of *"level"* for *stream name***

Explanation

This message indicates a failure trying to find any VSAM cluster names for log stream data sets. Data set names backing this log stream will be missing from sensitive data and trust analysis reports. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0394 ***type* abend *code-reason (explanation)* during LISTCAT of *"level"* for *stream name***

Explanation

This message indicates a failure while trying to find VSAM cluster names for log stream data sets. Data set names backing this log stream will be missing from sensitive data and trust analysis reports. If you cannot resolve the abend, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0395 **An unexpected return code was received from IEFSSREQ SSI=54. Subsys=jjjj, R15=nn, SSOBRETN=ss.**

Explanation

An IEFSSREQ request type 54 for subsystem *jjjj* ended with *nn* for Register 15 and *ss* for the SSOBRETN field, where:

- *jjjj* is the name of the subsystem that is queried.
- *nn* is the value of R15 returned from IEFSSREQ.
- *ss* is the value of the SSOBRETN field returned by IEFSSREQ.

If this error occurs, a record containing the results of the IEFSSREQ SSI=54 has not been written to the CKFREEZE data set.

If you are running z/OS version 1.8 or later, this error can also result in additional errors related to JES2 exit processing. In order to process these exits, the zSecure Collect program CKFCOLL must know whether JES2 dynamic exits are supported. Normally, the call to IEFSSREQ returns information about the JES2 level which is used to determine whether the JES2 dynamic exits are supported. If this information is not returned, CKFCOLL might not be able to determine whether JES2 dynamic exits are supported and so might produce errors when processing the exits.

User response

This error might be caused by running zSecure on an operating system that is not supported, or by recent maintenance to that operating system that might have affected the IEFSSREQ service. For further information about the error, see the documented return code values for IEFSSREQ and SSOBRETN in *z/OS MVS Using the Subsystem Interface SA38-0679*. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0396 **Collecting subsystem information ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0397 **Collecting subsystem information from IMS *jobname* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0398 **Collecting subsystem response from MQ *subs* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies an MQ queue manager. It is also written to SYSTERM.

Severity

00

CKF0399 **Could not *action amount* of storage to read TCP/IP stack *name* configuration**

Explanation

If *action*=obtain, zSecure Collect does not have enough storage available to read the configuration data of TCP/IP stack *name*. Allocate a larger region for the zSecure Collect run to avoid this problem.

If *action*=release, zSecure could not release the storage used to read the TCP/IP stack. An internal processing problem might have occurred.

Severity

08

CKF messages from 400 to 499

CKF0400 ... CKF0499 ***message***

Explanation

These messages are issued as the result of debugging commands that are not described in this manual.

Severity

00

CKF messages from 500 to 599

CKF0500 **INDD, OUTDD, and ERRDD only valid in PARM string *type "value"* at *ddname* line *number***

Explanation

The INDD, OUTDD, and ERRDD parameters can be used only as calling parameters (the PARM keyword in JCL), and cannot be used as commands in an input file.

Severity

16

CKF0501 **TCP/IP stack images cannot be retrieved. GETIBMOPT: RC=*xxxxxxxx* ERRNO:*yyyyyyyy***

Explanation

This message is triggered by a failure at the EZASMI call with function GETIBMOPT, where *xxxxxxxx* is the return code and the *yyyyyyyy* indicates the error number.

User response

Complete these steps:

1. Convert the hexadecimal value that is supplied as the ERRNO return code from hexadecimal format to decimal format. For example, hexadecimal value ERRNO=000027EA converts to decimal value 10218.
2. Go to the z/OS information center for your version of z/OS.
3. Click **Communications server**.
4. Expand **IP Sockets Application Programming Interface Guide and Reference > Appendixes > Appendix B. socket call error return codes > Additional return codes**.
5. Click **Sockets extended ERRNOs**.
6. Locate the explanation for the corresponding decimal value in the list of error codes.

You can also look up the error codes in the *Communications Server IP Sockets Application Programming Interface Guide and Reference* (SC27-3660).

Severity

08

CKF0502 **Number of VTOC data sets processed: *number***

Explanation:
This message shows the number of VTOC data sets that were scanned or collected. For SHARED=NO, that will include non-shared DASD devices as well as shared DASD devices that contain specific configuration information that is applicable to the system. By including INFO with SHARED=NO, CKF0601 or CKF0602 messages are issued to detail which data sets.

Severity

00

CKF0503 **Number of CKDS key labels copied: *decnum***

Explanation:
This informational message shows the number of CKDS record key label sections that were copied to the CKFREEZE data set.

Severity

00

CKF0504 **Number of PKDS key labels copied: *decnum***

Explanation:
This informational message shows the number of PKDS record key label sections that were copied to the CKFREEZE data set.

Severity

00

CKF0505 **Skipping unexpected non-fixed record *recno* of *type volser cluster***

Explanation:
The code found a variable length record where the header stated the *type* data set is in fixed format. The record is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0506 **Skipping unexpected non-varlen record *recno* of *type volser cluster***

Explanation:
The code found a fixed length record where the header stated the *type* data set is in variable format. The record is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0507 **Skipping unexpected non-KDSR record *recno* of *type volser cluster***

Explanation:
The code found a non-KDSR record where the header stated the *type* data set is in KDSR format. The record is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0508 **Unsupported header record version *ver* of PKDS *volser cluster***

Explanation:
The code found an unsupported version number in the ICSF PKDS header record. The data set is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0509 **Unsupported header record version *ver* of CKDS *volser cluster***

Explanation:
The code found an unsupported version number in the ICSF CKDS header record. The data set is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0511 **Unsupported header record version *ver* of TKDS *volser cluster***

Explanation:
The code found an unsupported version number in the ICSF TKDS header record. The data set is skipped.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0512 **SYMKEYTEST will not be performed. It requires CPACF.**

Explanation:
The CKFCOLL program was not able to perform the symmetric key usability test for encrypted data sets. This function requires an IBM zEnterprise z196 or later system with both the CP Assist for Cryptographic Functions (CPACF) feature enabled and the Crypto Express3 Feature or later installed.

Severity

00

CKF0513 **SYMKEYTEST will not be performed. CPACF misses support for AES XTS.**

Explanation:
The CKFCOLL program was not able to perform the symmetric key usability test for encrypted data sets. CP Assist for Cryptographic Functions (CPACF) misses support for AES XTS. This function requires an IBM zEnterprise z196 or later system with both the CP Assist for Cryptographic Functions (CPACF) feature enabled and the Crypto Express3 Feature or later installed.

Severity

00

CKF0515 **Unexpected CSNBKRR2 *abend code***

Explanation:
A failure occurred during a call to the CSNBKRR2 ICSF service routine in order to read a key token.

User response:
Inspect *abend code* for indications about the cause of the error. Refer to *z/OS Cryptographic Services Integrated Cryptographic Service Facility Application Programmer's Guide*.

Severity

08

CKF0516 ***Dataset*: CSNBKRR2 failed on: *key_label*, RT: *retcode*, RS: *reascode***

Explanation:
The code could not perform the symmetric key usability test for the respective data set. A call to the CSNBKRR2 ICSF service routine in order to read the token of *key_label* failed.

User response:
Inspect the abend code for indications about the cause of the error. Refer to *z/OS Cryptographic Services Integrated Cryptographic Service Facility Application Programmer's Guide* for explanations of the return and reason codes for the CSNBKRR2 routine.

Severity

04

CKF0517 **Number of encrypted data sets tested: *number1* (*number2* can be decrypted on this system, *number3* cannot, and *number4* have empty encr. cells)**

Explanation:
This message shows the number of encrypted data sets for which the symmetric key usability test was performed. It specifies how many data sets can and cannot be decrypted on this system, and how many data sets have empty encryption cells.

Severity

00

CKF0518 **Number of SAFDEF records copied: *decnum***

Explanation:
This informational message shows the number of ACF2 SAFDEF records that were copied to the CKFREEZE file.

Severity

00

CKF0519 **Wrong SAFDEF header; cannot collect SAFDEF records**

Explanation:
This message indicates that an error occurred during collection of ACF2 SAFDEF records. An inconsistency in a primary SAFDEF structure was encountered. SAFDEF records are not collected.

Severity

04

CKF0520 **Wrong SDFENVIR header; cannot collect details of a SAFDEF record**

Explanation:
This message indicates that an error occurred during collection of ACF2 SAFDEF records. An inconsistency

in a SAFDEF environment structure was encountered. Further collection of SAFDEF records is limited.

Severity

04

CKF0521 **Wrong VALMAP header; cannot collect details of a SAFDEF RACROUTE request**

Explanation:
This message indicates that an error occurred during collection of ACF2 SAFDEF records. An inconsistency in a list of parameters of a SAFDEF RACROUTE request was encountered. Further collection of SAFDEF records is limited.

Severity

04

CKF0522 **Error collecting data on common storage blocks: *message***

Explanation:
An error occurred during collection of records describing common storage blocks. The *message* field shows the encountered inconsistency. Depending on the severity of the problem, either individual or all common storage blocks are unavailable for further analysis. This is indicated by the message severity, equal to 4 or 20, respectively.

Severity

04 or 20

CKF0523 **Copied information on *decnum* common storage blocks and on *decnum* of its owners**

Explanation:
This informational message shows the number of records that describe common storage blocks that were copied to the CKFREEZE file. It also shows the number of collected records that contain owners of the common memory blocks.

Severity

00

CKF0524 **Error in checksum computations: *message***

Explanation:
An error occurred during initialization of the checksum mechanism or during computations of individual checksums. *message* shows the encountered issue.

Severity

04 or 08

CKF0525 **Checksum computations use *algorithm***

Explanation:
This message shows the checksum algorithm that is used to perform requested computations.

Severity

00

CKF0526 **Checksum computations used *num* CPU seconds and took *num* wall clock seconds.**

Explanation:
This message details the CPU seconds and wall clock seconds that are used to compute requested checksums. This does not include the entire time that is spent on the checksum mechanism, for example, the I/O that is associated with the creation of records, but solely computations of, for example, SHA values.

Severity

00

CKF0527 **RACROUTE VERIFY CREATE error RACF RC (hex) *xxxxxxx* RACF reason (hex) *yyyyyyyy***

Explanation:
zSecure Collect received an error when it issued RACROUTE VERIFY CREATE to create a temporary trusted ACEE.

User response:
Use the return code and reason code to determine why the RACROUTE failed. If you cannot correct the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

CKF0528 **Collecting address space information ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0529 **Collecting address space info from CICS *jobname* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies a CICS region. It is also written to SYSTERM.

Severity

00

CKF0530 **Collecting module information ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0531 **Unloading Db2 information from *subs* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies a Db2 subsystem. It is also written to SYSTERM.

Severity

00

CKF0532 **Collecting device information ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0533 **Allocating data sets for automatic restore ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0534 **Collecting VSAM data from [big] *type dev vol dsn*, *number* tracks ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies the data set and type of data set for VSAM data sets that are read with EXCP and larger than 10,000 tracks, as well as HSM and RMM repository data sets. It is also written to SYSTERM.

Severity

00

CKF0535 **Collecting VSAM data from *type dev vol dsn* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies the data set and type of data set for types that can be very large such as HSM and RMM repository data sets. It is also written to SYSTERM. This message is issued for non-EXCP mode VSAM.

Severity

00

CKF0536 **Collecting CA-1 data from *type dev vol dsn* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies the tape management system CA-1, the data set, and type of data set. It is also written to SYSTERM.

Severity

00

CKF0537 **Collecting archive data from *type dev vol dsn* ...**

Explanation

This progress message shows the start of a new phase in the collection process. It identifies the disk management system CA-Disk (DMS), the data set, and type of data set. It is also written to SYSTERM.

Severity

00

CKF0538 **Collecting UNIX data ...**

Explanation

This progress message shows the start of a new phase in the collection process. It is also written to SYSTERM.

Severity

00

CKF0539 **Unexpected JES2 PADTYPE *xx* for *logical_dd real_dd***

Explanation:
This message indicates an unexpected content of a JES2 allocation control block. This can result in JES data set sensitivity types that are missing, incomplete, or incorrect.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0540 **Address space data not collected for swapped ASID *asid jobname***

Explanation

This message is issued if the indicated address space is swapped out and data from the address space cannot be obtained. The information from this address space is missing from the CKFREEZE data set. zSecure reports created using this CKFREEZE data set might be incomplete. This especially applies if the indicated address space is running (sub)system-type tasks.

Severity

04

CKF0541 **OPEN ERROR *abend code* for DDNAME CKFDS001**

Explanation

This diagnostic message is issued if a failure occurs during an OPEN of the data sets obtained from the STEPLIB of the MQ QMGR region. These data sets are used for preloading required connection modules. The program continues, but might fail later.

User response

Inspect the abend code for indications about the cause of the error.

Severity

08

CKF0542 **Could not connect to MQ QMGR because not authorized to access: *QMGR-name***

Explanation

The user running the CKFCOLL program does not have sufficient authorizations to connect to the indicated QMGR. This is usually controlled by profile *QMGR-name*.BATCH in the MQCONN resource class.

User response

Ensure that the user running CKFCOLL has the required authorizations.

Severity

08

CKF0543 **Could not connect to MQ QMGR because connection modules not available: *QMGR-name***

Explanation

During setup of the connection to the MQ QMGR, several modules are dynamically loaded from STEPLIB or linklist. The required modules could not be located. The program continues with the next MQ region.

Severity

08

CKF0544 **Could not connect to MQ QMGR because QMGR not available for connection: *QMGR-name***

Explanation

During setup of the connection to the MQ QMGR, MQ reported that the QMGR is not available. This is probably due to a failure to complete initialization of the QMGR, for example, because it is waiting for the Db2 subsystem for its queue-sharing group. The program continues with the next MQ region.

Severity

08

CKF0545 **Could not connect to MQ QMGR *QMGR-name*, RC=*retcode-reascode***

Explanation

The CKFCOLL program could not connect to the indicated QMGR. The program continues with the next MQ region.

User response

Check the hexadecimal reason code for additional information. Reason codes can be found in *IBM MQ for z/OS: Messages and Codes*.

Severity

08

CKF0546 **Error preloading *module-name* for MQ QMGR *QMGR-name***

Explanation

During setup of the connection to the MQ QMGR, several modules are dynamically loaded from STEPLIB or linklist. The CKFCOLL program attempts to preload these modules from the STEPLIB of the MQ QMGR region. Preloading failed for the indicated module. The program continues, but might fail later if the module cannot be located using some other means.

Severity

08

CKF0547 **MQ QMGR *QMGR-name* does not have steplibs. No modules preloaded.**

Explanation

During setup of the connection to the MQ QMGR, several modules are dynamically loaded from STEPLIB or linklist. The CKFCOLL program attempts to preload these modules from the STEPLIB of the MQ QMGR region. Because the indicated QMGR region does not have a STEPLIB DD-statement, preloading is not attempted. The program continues, but might fail later if the connection modules cannot be located later.

Severity

00

CKF0548 **CKFWMQ will use the following steplibs for MQ QMGR *QMGR-name***
Steplib data sets used:
DSN=*QMGR-steplib-datasetname*

Explanation

This diagnostic message is issued either because DEBUG was requested, or because the preloading of required modules failed.

Severity

00

CKF0549 **MQ QMGR steplib allocation error. *QMGR-name***

Explanation

An error occurred during allocation of the data sets currently allocated to the STEPLIB ddname of the indicated QMGR. Inspect accompanying messages to analyze the cause of the failure.

Severity

08

CKF0550 **The MQ information is requested for QMGR *QMGR-name***

Explanation

This diagnostic message is issued because DEBUG was requested. It indicates progress in collecting MQ-related information.

Severity

00

CKF0551 **MQ *action* QMGR *QMGR-name* *error-information***

Explanation

This diagnostic message is issued if a step fails in the process to obtain information from the MQ QMGR region. The error information can contain a description of the error or the hexadecimal return and reason codes: RC=*retcode-reascode*.

You can find API completion and reason codes in *IBM MQ Troubleshooting and support*.

Severity

08

CKF0552 **Cannot access address space *jobname* ASID *asid* - ALESERV rc=*retcode***

Explanation

The CKFCOLL program was not able to access the job's private region. This can occur if the MQ=YES option is requested. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

04

CKF0553 **POINT RPL *type dev volume datacomponent* rc=*nn* reason=*nnnn***

Explanation

This messages indicates an unexpected return code and reason code (in decimal) from the VSAM POINT macro.

Severity

08

CKF0554 **IFAQUERY return area too small. Omitted SMF Flood policy records.**

Explanation

A second call was issued to pass the required length needed to store the SMF flood policy data, but the space is not sufficient to store the data. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0555 **Unexpected return code from IFAQUERY. SMF flood policy information will be missing. rc=*hhhhhhhhhhh* hex rsn=*hhhhhhhhhhh* hex**

Explanation

The SMF flood policy data could not be returned because the available space is too small. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKF0556 **Unsupported MQ release *release* for ASID *asid jobname*. Assume SYSP length = 256**

Explanation

The release of MQ is not recognized. The length of the SYSP control block generated by this release of MQ is unknown. A length of 256 bytes is assumed. If this value is incorrect, additional message CKF0559I might be issued.

Severity

04

CKF0557 **Cannot access address space *jobname* ASID *asid* - ALESERVE rc=*rc***

Explanation

zCollect was not able to access the job's private region. This can occur if the CICS=YES zCollect option is requested. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

00

CKF0558 ***abend* during MQ data collection ASID *asid jobname***

Explanation

This message indicates that an unexpected condition occurred while trying to collect information from the indicated MQ address space.

User response

Check whether the jobname is of a supported MQ subsystem and release. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in

"Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0559 ***abend*** **during MQ data collection** ***jobname***

Explanation

This message indicates that an unexpected condition occurred while trying to collect information from the indicated MQ address space.

User response

Check whether the jobname is of a supported MQ subsystem and release. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0560 **Number of CICS regions interrogated:** ***nnn*** **Transactions:** ***nnn*** **Programs:** ***nnn***

Explanation

This is an informational message showing the total number of CICS regions that were processed and the total number of transactions and programs that were found.

Severity

00

CKF0561 **Number of IMS regions interrogated:** ***nnn*** **Transactions:** ***nnn*** **PSBs:** ***nnn***

Explanation

This is an informational message showing the total number of IMS regions that were processed and the total number of transactions and PSBs that were found.

Severity

00

CKF0562 **CS Resolver data cannot be collected on** ***OS_level***

Explanation

If you are running zSecure on z/OS V1R12 or lower, you can prevent this message by ensuring that the zSecure Collect TCPIP parameter is set to NO. For information about setting this parameter, see "zSecure Collect for z/OS" in the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*.

Severity

00

CKF0563 **Resolver NMI error** ***UNIX error***

Explanation

This message is triggered by a failure at the EZBREIFR call.

User response

Look up the EZBREIFR service return code and reason code in the *Communications Server IP Programmer's Guide and Reference* (SC27-3659).

Severity

08

CKF0564 **Could not** ***action amount*** **of storage to read CS Resolver configuration**

Explanation

If *action*=obtain, zSecure Collect does not have enough storage available to read the configuration data of the CS Resolver. Allocate a larger region for a zSecure Collect run to avoid this problem. If *action*=release, zSecure could not release the storage that is used to read the CS Resolver configuration. An internal processing problem might have occurred.

Severity

08

CKF0565 **BPX1PCT Query Config Option failed Return Value=***nn* **Return Code=***nn* **Reason Code=***nn*

Explanation

This message indicates that an error occurred during the execution of the BPX1PCT "Query Config" function. This function is used to determine the zFS sysplex

status. The specified reason code consists of two half words. The first is the reason code qualifier. The second is the reason code as described in *UNIX System Services Messages and Codes*. If this message occurs, the value of SYSPLEX_MODE is blank.

Severity

04

CKF0566 **Unable to determine if DSN *dsn* is RLS controlled. LISTCAT return code *rc***

Explanation

This message indicates that CKFCOLL was unable to determine if the *dsn* data set is controlled by RLS. zSecure determines if RLS is active by issuing the LISTCAT command for a data set and checking if "RLS in use" is displayed in the output.

User response

If the data set is RLS controlled and it is causing collection errors, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKF0567 **Nil pointer trying to access *id* from *jobname***

Explanation

This message indicates that an unexpected condition occurred while trying to create a CKFREEZE record from a storage control block. The *id* indicates the kind of control block that was being accessed.

User response

Check whether the jobname is of a supported subsystem and release. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0568 ***abend* accessing *jobname* ASID *asid***

Explanation

This message indicates that an unexpected condition occurred while trying to determine if the indicated address space is a CICS address space, and if so, find relevant CICS region information.

User response

Check whether the jobname is of a supported subsystem and release. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0569 ***abend* trying to access *id* from *jobname***

Explanation

This message indicates that an unexpected condition occurred while trying to create a CKFREEZE record from a storage control block. The *id* indicates the kind of control block that was being accessed.

User response

Check whether the jobname is of a supported subsystem and release. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0570 **Number of Db2 regions interrogated: *nn***

Explanation

This summary message indicates the number of Db2 regions that were processed during the zCollect run.

Severity

00

CKF0571 **Error loading module *xxxxxxx* Db2 system table unload terminated for Db2 subsystem *yyyy* release *zzzz***
Steplib data sets used:
DSN=*aaa.aaaa*

Explanation

zSecure Collect received an error when attempting to load a Db2 module. The process of unloading the Db2 system catalog tables was terminated for each of the Db2 subsystems associated with this Db2 release.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0572 **Db2 steplib allocation error. Db2 system table unload terminated for DB2 subsystem *yyyy* release *zzzz***
Steplib data sets used:
DSN: *yyyy.yyyy*

Explanation

zSecure Collect received an error when attempting to allocate the specified Db2 steplib data sets. The process of unloading of the Db2 system catalog tables was terminated for each of the Db2 subsystems associated with this Db2 release.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0573 **DB2 unload error. SYSADM userid *xxxxxxxx* greater than 8 characters in length.**
Processing of DB2 system *yyyy* terminated.

Explanation

The installation SYSADM user ID for the specified Db2 subsystem is greater than eight characters. A user ID greater than eight characters might be a role-based SYSADM user ID. Processing for the specified Db2 subsystem was terminated because zSecure was unable to unload the Db2 system catalog tables.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0574 **RACROUTE VERIFY CREATE error RACF RC (hex) *xxxxxxx* RACF reason (hex) *yyyyyyyy***
DB2 table unload terminated for DB2 subsystem *zzzz*

Explanation

zSecure Collect received an error when it issued "RACROUTE VERIFY CREATE." The unloading of the Db2 system catalog tables was terminated for the specified Db2 subsystem.

User response

Use the return code and reason code to determine why the RACROUTE failed. If you cannot correct the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0575 **ATTACH failed for DSNUTILB RC=*xxxxx* DB2 system table unload terminated for DB2 subsystem *yyyy* release *zzzzz***
Steplib data sets used:
DSN: *aaaa.aaaa*

Explanation

zSecure Collect received an error while attempting to start DSNUTILB to unload the Db2 system

catalog tables. Further processing of the Db2 system catalog tables was terminated for the specified Db2 subsystem.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0576 **Unexpected *xxxxx* during ATTACH of DSNUTILB to UNLOAD DB2 tables**

Explanation

zSecure Collect received an error during the ATTACH to DSNUTILB to unload the Db2 system catalog tables. Further processing of the Db2 system catalog tables was terminated.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0577 **OPEN ERROR *xxxxx* for DDNAME CKFDS001**

Explanation

zSecure Collect received an error while opening the Db2 steplib data sets. See message CKF0572 for further information about the allocated Db2 steplib data sets. Further processing of the Db2 system catalog tables was terminated.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0578 ***nnn* records processed from table *tablename* for DB2 subsystem *subsys***

Explanation

This informational message shows the total number of records that were processed from a Db2 catalog table.

Severity

00

CKF0579 **Number of MQ regions interrogated: *number***

Explanation

This is an informational message showing the total number of MQ regions that were processed.

Severity

00

CKF0580 **Error unloading DB2 table *aaaaaaaa* for DB2 subsystem *yyyy***
Steplib data sets used:
DSN: *yyyy.yyyy*

Explanation

zSecure Collect received an error when attempting to unload the Db2 table. See the DSNPRT DD if it is allocated for error messages associated with this Db2 unload.

User response

Review the messages in DSNPRT to resolve the problems unloading the Db2 table. If the error was caused by a B37/D37 error on DSNOUT, see "Db2 table unloads" in the *User Reference Manual* for information on how to allocate DSNOUT in the collect JCL.

Severity

08

CKF0581 **BPX1SYC: Determine system configuration options failed. RC=*rc* reason=*reason***

Explanation

An error occurred during the execution of the BPX1SYC "Determine system configuration options" function. The reason code consists of two halfwords. The first is the reason code qualifier. The second is the reason code as described in the *UNIX System Services Messages and Codes* manual.

User response

Review the specified reason code in *UNIX System Services Messages and Codes*.

Severity

08

CKF0582 **Number of TKDS token/cert records copied: *decnum***

Explanation

This informational message shows the number of TKDS records copied to the CKFREEZE data set.

Severity

00

CKF0583 ***type* abend *xxx-nn* (*explanation*) accessing JES2, ASID *asid***

Explanation

This message indicates that a nonrecoverable abend occurred while accessing data in the JES2 address space. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0584 ***type* abend *xxx-nn* (*explanation*) accessing JES2 PSO, ASID *asid***

Explanation

This message indicates that a nonrecoverable abend occurred while accessing data in the JES2 PSO data space. For information about the common abend codes, see the zSecure Collect documentation in the user reference manual for your zSecure product.

Severity

08

CKF0585 **Cannot access address space JES2, ASID *asid* - ALESERV rc=*rc***

Explanation

The CKFCOLL program was not able to access the JES2 private region. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming: Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

08

CKF0586 **Cannot access data space for JES2 PSO, ASID *asid* - ALESERV rc=*rc***

Explanation

The CKFCOLL program was not able to access JES2 PSO data space. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming: Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

08

CKF0587 **Cannot access OMVS kernel address space *jobname* ASID *asid* - ALESERV rc=*rc***

Explanation

zSecure Collect was not able to access the private region of the OMVS kernel job while zSecure Collect gathered information about UNIX processes. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming: Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

08

CKF0588 **Abend accessing OMVS kernel address space *jobname* ASID *asid***

Explanation

This message indicates that an unexpected condition occurred while trying to determine an OMVS kernel address space, and if so, find relevant information about UNIX processes.

User response

Check whether the *jobname* is an OMVS kernel task. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0589 **Process information not found in OMVS kernel address space *jobname* ASID *asid***

Explanation

This message indicates that a control block that contains information about UNIX processes was not found.

User response

Check whether the *jobname* is an OMVS kernel task. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0590 **Process information table in OMVS kernel address space *jobname* ASID *asid* is empty**

Explanation

This message indicates that a control block that contains information about UNIX processes was found but it contains no process information or has an unsupported layout.

User response

Check whether the *jobname* is an OMVS kernel task. If it is, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0591 **Cannot access address space *jobname* ASID *asid* - ALESERV rc=*rc***

Explanation

zCollect could not access the job's private region while collecting the information about address space active jobs. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming Authorized Assembler Services Reference, Vol. 1* in the z/OS information center.

Severity

08

CKF0592 **Abend accessing *jobname* ASID *asid***

Explanation

This message indicates that an unexpected condition occurred while trying to collect the information about address space active jobs.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKF0593 ... CKF0596 ***message***

Explanation

These messages are issued as the result of debugging commands that are not described in this manual.

Severity

00

CKF0597 **Cannot access address space *jobname* ASID *asid* - ALESERV rc=*retcode***

Explanation

zCollect was not able to obtain data from the job's private region. Return codes for the ALESERV ADD macro are documented in *z/OS MVS Programming*

Authorized Assembler Services Reference, Vol. 1 in the z/OS information center.

Severity

00

CKF0598 **JFCBs not collected for swapped ASID *asid* jobname=*jobname***

Explanation

This message is issued if the indicated address space is swapped out and data about allocated data sets cannot be obtained. The information from this address space is missing from the CKFREEZE data set. zSecure reports created using this CKFREEZE data set might be incomplete.

Severity

04

CKF0599 **Abend *abend info* during access ASID *asid* jobname=*jobname***

Explanation

This message indicates a failure while trying to obtain allocated data set information for the indicated *jobname* in address space *asid*.

Severity

08

CKF messages from 600 to 699

CKF0600 ... CKF0699 ***message***

Explanation:
This range contains messages that are issued in response to a DEBUG or INFO request. Only those that result from INFO are documented.

CKF0600 **Scanning volumes for *type dsn* ...**

Explanation:
This message is issued in response to DEBUG or INFO,SHARED=NO. It shows data set requests that initially did not have a volume serial.

Severity

00

CKF0601 **Scanning VTOC *volser* for *type dsn* ...**

Explanation:
This message is issued in response to DEBUG or INFO,SHARED=NO. It shows data set attribute requests to the VTOC for this specific non-shared volume while SHARED=NO was requested.

Severity

00

CKF0602 **Collecting VTOC *volser* *type dsn* ...**

Explanation:
This message is issued in response to DEBUG or INFO,SHARED=NO. It shows a request to collect all VTOC data for this volume, and optionally includes a list of specific data set attribute requests.

Severity

00

CKF0603 **Scanning VVDS *volser* for *type dsn* ...**

Explanation:
This message is issued in response to DEBUG or INFO,SHARED=NO. It shows data set attribute requests to the VVDS for this specific non-shared volume while SHARED=NO was requested.

Severity

00

CKF0604 **Collecting VVDS *volser* *type dsn* ...**

Explanation:
This message is issued in response to DEBUG or INFO,SHARED=NO. It shows a request to collect all VVDS data for this volume, and optionally includes a list of specific data set attribute requests.

Severity

00

CKF messages from 700 to 799

CKF0700 **Internal error: CKFALLOC called in invalid state**

Explanation

This message indicates a serious internal error. User abend 700 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0701 **CKFAXCP: data areas too large, on *dev volume* - user abend 701**

Explanation

This message indicates an internal error: the data areas requested by the channel program passed to the I/O driver are too large. User abend 701 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

28

CKF0702 **I/O routine *type* abend *xxx-nn (explanation)* on *dev volume* - user abend 702**

Explanation

This message indicates an internal error: the data areas requested by the channel program passed to the I/O driver are too large. User abend 702 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

28

CKF0703 **CKFCAT called in invalid state**

Explanation

This message indicates a serious internal error. User abend 703 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0704 **Internal error: BCS *bcsvol* on IOXC *ioxcvol-key***

Explanation

This message indicates a serious internal error. The catalog will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0705 **Internal error: CKFPATH called in invalid state**

Explanation

This message indicates a serious internal error. User abend 705 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0706 **CKFPDS(E) called in invalid state**

Explanation

This message indicates a serious internal error. User abend 706 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in

"Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0707 Internal error: PDS on wrong IOXC

Explanation

This message indicates a serious internal error. The PDS will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0708 CKFSCHED Internal error: hung I/O executor

Explanation

This message indicates a serious internal error. A user abend 708 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0709 Internal error: CKFVTOC called in invalid state

Explanation

This message indicates a serious internal error. User abend 709 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0710 Internal error: CKFVVDS called in invalid state

Explanation

This message indicates a serious internal error. User abend 710 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0711 FREEMAIN for 4K SQA at address *xxxxxxxx* failed with return code *nn* hex after I/O on *dev volume*- user abend 711

Explanation

This message indicates that zSecure Collect failed to free its 4KB SQA area at the specified address. To prevent further SQA pollution, the program issues a user abend 711. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

28

CKF0712 Unexpected GETMAIN return code *nn* hex

Explanation

This message indicates that zSecure Collect failed to obtain a page-aligned work area for the VM DIAGNOSE buffers. No diagnose will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0713 Unexpected PGSER/PGFIX return code*nnn* hex

Explanation

This message indicates that an unexpected return code was encountered for the PGFIX (non-XA) or

PGSER (XA) service. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0714 **Unexpected PGSER/PGFREE return code *nnn* hex**

Explanation

This message indicates that an unexpected return code was encountered for the PGFREE (non-XA) or PGSER (XA) service. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0715 **CKFAXVM recovered from unexpected *type* abend *xxx-nn (explanation)***

Explanation

This message indicates that an unexpected abend was encountered during VM diagnose processing. VM information may be missing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0716 **CKFAXVM internal error: AXVM pointer *xxxxxxx* at address *xxxxxxxx* invalid**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0717 **CKFCAT invalid VSAM data set type *type***

Explanation

This message indicates a serious internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0718 **CKFTMC called in invalid state**

Explanation

This message indicates a serious internal error. User abend 718 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0719 **Internal error: *type* on wrong IOXC**

Explanation

This message indicates a serious internal error. The *type* data set (TMC/VMF/ABR) will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0720 **CKFDSN called in invalid state**

Explanation

This message indicates a serious internal error. User abend 720 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable

maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0721 Internal error: *type* on wrong IOXC

Explanation

This message indicates a serious internal error. The indicated type of data set (DMSU for DMSUNL, PDSE for PDS/E directory, or PDSM for AUTHLIB) will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0722 CKFDMSF called in invalid state

Explanation

This message indicates a serious internal error. User abend 722 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0723 Internal error: *type* on wrong IOXC

Explanation

This message indicates a serious internal error. The data set of type *type* will be skipped. The type can be DMSF for DMSFILES. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0724 CBVER RESET missed for ID=*cccc* at CBVER ID=*cccc*

CKF0724 Missing CBVER RESET after *proc*

Explanation

This message indicates a serious internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0725 Internal error: unexpected concatenation after *type device volume dataset*

Explanation

This message indicates a serious internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0726 Internal error: ADDDD called for concatenation with tape

Explanation

This message indicates a serious internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0729 *function* NMI call error TCP/IP *tcpipstackname* RC *rc* RSN *reasoncode*

Explanation

This message indicates that the NMI request failed with an unexpected return code (*rc*).

User response

Check the explanation of the return code:

1. See the z/OS Internet Library for the version of z/OS that you are using and click the z/OS version under **z/OS Information Centers**.
2. Select **z/OS Communications Server** -> **IP Programmer's Guide and Reference**. Return codes are documented in **Network management interfaces**.

Severity

08

CKF messages from 800 to 899

CKF0802 **Out-of-order parameter *parameter* at *source***

Explanation:
The indicated parameter was expected at a different position relative to other parameters.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKF0874 **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKF0875 **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKF messages from 900 to 999

CKF0900 ***debug message***

Explanation

This debug message is only relevant for IBM Software Support and is not present in any Generally Available version of the software.

Severity

00

CKF0906 ***Type* abend *xxx-nn (explanation)* reading REAL storage *identifier***

Explanation

This error message indicates that an abend occurred during an attempt to obtain information from real storage. If the *identifier* is LST, this indicates that one of the Linkage Second Tables could not be read (in its entirety). Program Call reports based on this data will not be complete.

Severity

04

CKF0907 **DYNALLOC trace: SVC 99 return code *nn* - *meaning***

Explanation

This message is issued because of DEBUG or because of a failed SVC99 where DAIRFAIL did not return a message text. It has continuation lines detailing the individual text units contents after SVC 99 (DYNALLOC) completion.

Severity

00

CKF0910 **HLLENQ status report *identifier***

Explanation

These messages are issued in response to DEBUG.

Severity

00

CKF0911 ***service* RC=*rc* hex RSN=*rsn* hex [for *qname-scope rname*]: *explanation***

Explanation

A call to the indicated service (either ENQ or ISGENQ) did not complete with RC=0. This message does not necessarily indicate a need for action, for example, an APF authorized program can issue an ENQ against the unauthorized QNAME CKRDSN. Hence, this message should be considered informational only.

Severity

00

CKF0912 **STIMERM error: *explanation***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0913 **Serialization could not obtain all ENQs**

Explanation

The program could not obtain ENQs on all requested resources, and cannot continue. The resource for which no ENQ could be obtained has been identified in a preceding message CKF0911.

Severity

16

CKF0913 **Serialization encountered a serious error**

Explanation

The program attempted to obtain ENQs on all requested resources, but encountered an unexpected condition. The run cannot continue. Look for a preceding message CKF0911 to identify the exact cause of the failure.

Severity

16

CKF0913 **Serialization has obtained all ENQs**

Explanation

The program successfully obtained ENQs for all requested resources.

Severity

00

CKF0913 **Serialization starts waiting for ENQs**

Explanation

The program attempted to obtain ENQs on all requested resources, but not all resources were immediately available. The program will wait for the remaining resources to become available. Look for a preceding message CKF0911 to identify the resources that were not immediately available.

Severity

04

CKF0913 **Serialization WAIT timed out**

Explanation

The program attempted to obtain ENQs on all requested resources, but not all resources were immediately available. After waiting for the number of minutes specified on the MAXWAIT subparameter of the SERIALIZATION command, one or more required resources were still unavailable. The program gives up and aborts the run. Look for a preceding message CKF0911 to identify the unavailable resources.

Severity

16

CKF0914 **Multiple HLLQENQ ACTION=xxx,ID=*id* calls without an intervening HLLQDEQ ID=*id* or HLLQDEQ ALL are not supported**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0915 **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKF0919 **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0923 **Input from a TSO/E terminal is not supported - DD *ddname***

Explanation

Input from a TSO/E terminal in line mode is not supported.

Severity

20

CKF0924 **DD *ddname* DSN *dsn* invalid block size: *blksize***

Explanation

After ddname has successfully been opened (using OPEN), its DCB must indicate a positive block size unless ddname is a DUMMY device.

Severity

16

CKF0925 **Member *member* DDname *ddname* DSname *dsn Problem description***

Explanation

The program received a non-zero return code from the FIND SVC when trying to locate the indicated member. The problem description on the second line gives the exact nature of the problem.

Severity

08

CKF0931 or CKV931I ***proc*: Buffer overrun - dln=*destinationlength* sln=*sourcelength*:: *data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. It is possible to suppress the user ABEND 931 by specifying SUPMSG=931. However, this can result in corrupted output or other errors. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKF0942 or CKV942I	**Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

00

CKF0944 or CKV944I	**UNIX *type* close RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes, the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

The *type* can be "wronly"or "rdonly."

Severity

16

CKF0945 or CKV945I	**UNIX *action* failed RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1OPN or BPX1FCT call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

The *action* can be **wronly open**, **fcntl filetag**, or **rdonly open**.

Severity

16

CKF0947 or CKV947I	**Reading filedesc *off* failed RC *nn* [*meaning*] reason *qqqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1RED (UNIX read) call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKF0948 or CKV948I	**Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

CKF0949 or CKV949I	**Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

00

CKF0950 or CKV950I **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

CKF0953 ***action* [RPL|GENCB/MODCB] error rc=*nn* reason=*nn* for *dd dsn* on *vol* after *nn* records**

Explanation:
This message indicates a failure reading the indicated VSAM data set.

Severity:
16

CKF0955 or CKV955I ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKF0963 or CKV963I **Ambiguous *name* "*value*"**

Explanation

This message indicates that an ambiguous abbreviation was entered, i.e. two or more different keywords could be meant by the abbreviated value. Specify the keyword intended in more detail.

Severity

16

CKF964I or CKV964I **Member name required for writes to PDS(E) data set *dsn***

Explanation

This message indicates that a member name is required, but not specified, for the indicated data set.

Severity

16

CKF967I or CKV967I **RECFM=F invalid for LRECL=X,RECFM=VBS preferred data set *dsn***

Explanation

This message indicates that a RECFM=F data set was encountered on a file that is to receive variable spanned unlimited length records by preference. Although downward compatibility is maintained to non-spanned and limited-record length records, the code cannot write RECFM=F records.

Severity

16

CKF0968 or CKV968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKF0969 or CKV969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

08

CKF970I or CKV970I ***program task heap*** **FREE STORAGE ERROR:** ***message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKF0971 or CKV971I **Maximum length for this** ***field*** **is** ***len*** **at** ***file*** **line** ***n***

Explanation

The input contains a multiple-line string that is too long. The maximum length for the string is indicated in the message.

Severity

16

CKF0972 or CKV972I **Enablement information missing for** ***product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

CKF0973 or CKV973I **IBM Security product code** ***code*** **disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKF0974 or CKV974I **IBM Security** ***product*** **disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKF0975 or CKV975I **IBM Security** ***product*** **disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKF0976 or CKV976I	**Code or enablement for *product* product or feature is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKF0976 or CKV976I	**IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKF0977 or CKV977I	**Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG for products that are installed. The *action* can be "registration" or "status." The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of CKF979I).

Severity

00

CKF0978 or CKV978I	**Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued in response to DEBUG for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

CKF0979 or CKV979I	**Product code *code* implied by other**

Explanation

This message is issued in response to DEBUG for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

Severity

00

CKF0980	***Type* abend *xxx-nn (explanation)* trying to access *fieldname* in *jobname***

Explanation

This error message indicates that an abend occurred during an attempt to obtain the specified field through cross-memory services. A common cause has its own message text with the same message number.

Severity

04

CKF0980	**Omitted *fieldname* because address space *jobname* swapped out**

Explanation

This error message indicates that an 05D abend occurred during an attempt to obtain the specified field through cross-memory services. This means the address space was swapped out. CKFCOLL does not currently cause swap-in of other address spaces (to prevent bogging down the system with swap-in requests). Usually production systems have the address spaces that CKFCOLL wants to see defined as nonswappable. So you will most often see this message on test systems, or on production systems for test-subsystems (for example, test Db2). For the purpose of auditing PC calls, it useful to know that the PC call is also unavailable to the user while the address space is swapped out.

Severity

04

CKF0981 or CKV981I **Invalid *type* "*value*"**

Explanation

This message indicates that the text *value* is not a valid value in the context *type*.

Severity

16

CKF0982 or CKV982I **Internal error: unknown error code at *ddname* line *number***

Explanation

The input parser error routine encountered an invalid error code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKF0983 or CKV983I **Expecting list separator/ terminator instead of *type*"*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list separator or terminator for the current list (this can for instance be a comma, blank, or end-of-line, depending on the context). Instead, it encountered the indicated token type *type*(and text *value*, if available). The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

16

CKF0984 or CKV984I **Invalid *type* list element type *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list element of the specified type, but found a token of a type not supported as a list element in this context. If available, the offending text *value* is also listed in the message. The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

16

CKF0985 or CKV985I **Required list element/parameter "*value*" missing at *ddname* line *number***

Explanation

This message indicates that the input parser detected a missing required parameter or element in the list at the indicated line.

Severity

16

CKF0986 or CKV986I **Duplicate parameter *value* at *ddname* line *number***

Explanation

This message indicates that the input parser detected a duplicate occurrence of the parameter or list element *value* at the indicated line.

Severity

16

CKF0987 or CKV987I **Syntax error: *type1* expected instead of *type2* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific token type *type1* in the current context.

Instead of this, it found the token type *type2* (at the text *value*, if available) on the indicated input line.

Severity

16

CKF0988 or CKV988I	**Syntax error: "*c*" expected instead of *type* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific character "*c*" (presumably a delimiter) in the current context. Instead of this, it found the token type *type* (at the text *value*, if available) on the indicated input line.

Severity

16

CKF0989 or CKV989I	**Unexpected type ["*value*"] [for *element*] at *ddname* line *number***
CKF0989	**Skipping to EOL at unexpected *type* ["*value*"] at *ddname* line *number***

Explanation

This message indicates that the input parser expected one of a number of specific token types, but found a different token type instead. If available, the offending text value and the element for which it is read are also listed in the message. The parser will either continue with the next token, or skip directly to the end of the line.

Severity

12

CKF0991	**Unexpected [*type*|nil] pointer in *procedure* - user abend 991**

Explanation

This message documents an unexpected condition in the program. The program terminates with a user abend 991.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKF0992 or CKV992I	**ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

CKF993I or CKV993I	**DIAGNOSTIC DUMP SUPPRESSED FOR *program* TASK *taskname type* ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump. This is done to prevent recursive abend conditions involving the print file. The task name is PROGRAM for the main task or for the only task in a program. For a multi-tasking program, *program* might identify one of the subtasks.

CKF995I or CKV995I	**LRECL invalid; not overruled for partitioned data set**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned Data Sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abnormal ends (abends) can result from the invalid record length.

CKF996I or CKV996I	**MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKF997I or CKV997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKF998I or CKV998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKF999I or CKV999I **STORAGE SHORTAGE FOR TASK *taskname* HEAP *heapname* IN *program* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. If the heap name is LOWHEAP, then the request is for storage below the 16MB line.

User response

Look in message CKF034I to determine what region was requested and what was granted to the job step. Increase the REGION value on the JOB or STEP card. It can also be beneficial to use the STORAGEGC command, though this will increase CPU usage. If the problem heap was LOWHEAP, there was not enough storage available below the line. Increasing the REGION might still help, if there was not enough storage above the line so that LOWHEAP storage was used instead. If there is a true storage shortage below the line, you could reduce I/O parallelism with the PARALLEL option or force the immediate freeing of allocations with the FREE option.

Severity

16

CKF messages from 1000 to 1099

CKF1000 **BPX1PCT *description* (OC=*oc*): the file system was not started**

Explanation:
The ZFS system was not started. Therefore, no data on ZFS file systems and aggregates is dumped. The *description* specifies an attempted action and the *oc* specifies an operation code.

Severity

00

CKF1001 **BPX1PCT *description* (OC=*oc*): the file system does not exist**

Explanation:
No started ZFS system was found. Therefore, no data on ZFS file systems and aggregates is dumped. The *description* specifies an attempted action and the *oc* specifies an operation code.

Severity

00

CKF1002 **The ZFS file system was not found**

Explanation:
No valid ZFS system was found. Therefore, no data on ZFS file systems and aggregates is dumped.

Severity

00

CKF1005 **Unrecognized SSI 83 header. Omitting this and following data areas in the chain. Eye catcher *eye***

Explanation:
A data area header returned by the JES Device Information Services (SSI 83) has an unrecognized eye catcher. This data area and any following data areas in the chain are not stored in the CKFREEZE file.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKF1006 **IEFSSREQ unexpected return code subsys *subsysname* R15 *rc* (dec) SSOBRETN *ssobrc* (dec) SSJDRETN *ssjdrc* (dec)**

Explanation:
The JES Device Information Services (SSI 83) for JES subsystem *subsysname* returned an error. Use the values *rc*, *ssobrc*, and *ssjdrc* to determine the details of the error. No JES device information was stored in the CKFREEZE file.

User response:
If the return values indicate an unexpected condition, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKF1007 **Security settings unavailable for CICS *jobname***

Explanation:
During data collection for the indicated CICS system, a security-related control block was found to be missing. This could occur, for example, during the time that is needed for CICS to fully initialize. CKFCOLL continues to collect all other available data.

User response:
Verify that all CICS systems are fully operational, and rerun the CKFCOLL job. If you do not need CICS information for this CKFREEZE, rerun the job by specifying `CICS=NO`.

Severity

04

CKF1008I **OPEN ERROR *abend code* on file *filename***

Explanation:
This diagnostic message is issued when a failure occurs a UNIX file with the indicated *filename* is opened. The program continues, but the information is not collected, so it will not be available for reporting.

Severity

08

CKF1009 **The EZBS could not be read: *reason***

Explanation:
An unexpected error occurred in the attempt to obtain the EZBSYSLOGD token; *reason* gives the exact nature of this failure. Information about syslog daemon was not collected.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKF1010 **Program and argument strings: *message***

Explanation

The following *message* can occur:

configuration file cannot be opened for scanning
An SSH daemon configuration file, specified as an absolute pathname, could not be opened.

configuration DSN (member) not scanned
An SSH daemon configuration file could not be opened because only configuration file specifications in the form of an absolute pathname are supported.

Other *message* variants show information about a problem with the internal representation of the arguments of an SSH daemon program. In all these cases, information about the configuration of an SSH daemon is not collected.

Severity

08

CKF1011 **Too many values before number "*value*" at *source***

Explanation:
While parsing a PROG*xx* system parameter member, the program encountered a list of numeric values that is too long. Therefore, it does not correspond with the specifications.

Severity:
04

CKF1012 ***x* is invalid before *token* "*value*" at *source***

Explanation:
While parsing a PROG*xx* system parameter member, the program encountered an invalid numeric value suffix (*x*). Only K (kilobytes) and M (megabytes) suffixes are recognized.

Severity:
04

CKF1013 **Invalid DSN specification: '*dsn*' before *token* at *ddname* line *number***

Explanation:
While parsing LPALST*xx* or LNKLST*xx* system configuration member, the program encountered an invalid data set name *dsn*.

User response:
Correct the data set name as indicated by the message.

Severity:
04

CKF1014 ***type* abend *xxx-nn (explanation)* during geteuid - unable to collect daemon configuration files**

Explanation:
A non-recoverable abend occurred during geteuid processing. SSH daemon (sshd) and Internet service daemon (inetd) configuration files are not collected. For information on the common abend codes, see the zSecure Collect documentation in the *zSecure (Admin and) Audit User Reference Manual* for your product.

Severity

08

CKF1015 ***type* abend *xxx-nn (explanation)* during collection of daemon configuration files**

Explanation:
A non-recoverable abend occurred during collection of SSH daemon (sshd) and Internet service daemon (inetd) configuration files. The daemon configuration information might not be complete. For information on the common abend codes, see the zSecure Collect documentation in the *zSecure (Admin and) Audit User Reference Manual* for your product.

Severity

08

Chapter 3. CKG messages

This chapter describes messages issued by the CKGRACF program on the mainframe. The CKGRACF program is part of zSecure Admin. It is used for handling Queued commands (like temporary access), revoke or resume schedules, User data fields and various other functions that require updating RACF profiles. This program is also used by zSecure Visual. The CKG messages have a message prefix in the form CKG*nnn*I where *nnn* is the message number. The message identifier is followed by a severity code. The program returns as completion code the highest severity code encountered.

The general meaning of the CKGRACF message numbers is as follows:

100-399	Normal message, giving status or summary information.
400-499	Debugging messages due to a DEBUG command
500-599	Normal message, giving status or summary information.
600-699	Error condition during execution.
700-799	Error during the parsing of input, before any command is executed.
800-899	Messages issued by architectural subcomponents.
900-999	Messages issued by architectural subcomponents.

The general meaning of the CKGRACF severity codes and hence of the completion code is as follows:

00
Normal message, giving status or summary information.

04
Warning: a condition occurred which may cause the command to have an unexpected effect. For example, a queued command was executed that applied the default password, but the default password had changed during the queuing period.

08
Error condition found during processing. For example, a profile could not be found, or access was denied.

12
Syntax error in command input, or an invalid format of USR data in the RACF database.

16
Entitlement problem or invalid or unsupported files connected to CKGRACF.

20
Unsupported condition found in RACF database, or installation error.

24
Internal error or other unexpected and unsupported condition in CKGRACF detected.

Messages are included in subsections, grouped by the hundred message-numbers.

CKG messages from 100 to 199

CKG100I **Contents of CKRSITE module: *contents***

Explanation

This message is printed as the result of a SHOW CKRSITE command. *contents* displays the relevant portions of the CKRSITE module.

Severity

00

CKG101I **Authority requirement for user *user* is *setting***

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Explanation

This message is printed as the result of an AUTHORITY LIST command. It displays the multiple-authority requirement for user *user*.

Severity

00

CKG102I **Authority requirement for user *user* is the system default (*setting*)**

Explanation

This message is printed as the result of an AUTHORITY LIST command. It displays the system-wide default multiple-authority requirement, which applies to user *user*.

Severity

00

CKG103I ***field* is *value***

Explanation

This message is printed as the result of a FIELD LIST command. It displays the value of the indicated *field*. If the field is MFDATA and if it contains more than 255 bytes, only the first 255 bytes of the field are displayed.

Severity

00

CKG104I **No userdata elements with index '*index*' found**

Explanation

This message is printed as the result of a USRDATA LIST command. It indicates the USR field did not contain entries with the indicated *index*.

Severity

00

CKG105I **Userdata with index '*index*' is '*value*'**

Explanation

This message is printed as the result of a USRDATA LIST command. It displays the USRDATA part of one USR entry with the indicated *index*.

Severity

00

CKG106I **Starting command: *command***

Explanation

This message is printed at the start of each command. It displays the next *command* to be executed.

Severity

00

CKG107I **Command ended with result code *code***

Explanation

This message is issued at the end of a command if it did not end successfully. It displays the command's result *code*. This result code is the same as documented as CKX return code under Chapter 8, “CKX messages,” on page 551. The command is listed in the previous CKG106I message.

Severity

code

CKG108I **Serious command error; terminating CKGRACF**

Explanation

This message is issued at the end of a command if ended with a result code larger than 8, which indicates a serious processing, RACF, or internal error. CKGRACF command processing is terminated; no further commands will be executed. The command is listed in the previous CKG106I message.

Severity

00

CKG109I **Please enter new [default] password for user *user***

Explanation

This message prompts to enter a new password or new default password for user *user*.

Severity

00

CKG110I **Please reenter new [default] password for user *user***

Explanation

This message prompts to reenter a new password or new default password for user *user*.

Severity

00

CKG111I **Highest result code was *value***

Explanation

This message is issued after the command processing; it lists the highest command result code of the command stream executed. Each command with a result code other than zero (which indicates success) will have issued message CKG107I.

Severity

value

CKG112I **No CKGRACF-reserved userdata entries found**

Explanation

This message indicates that the LIST command did not find any CKGRACF-reserved USR entries.

Severity

00

CKG113I **Default password phrase set by *author* at *date time***

Explanation

This message indicates a default password phrase was set for the target user. It includes the user who issued the command and the date and time the default value was set. The default password phrase is not included in the message.

Severity

00

CKG115I **Default password set by *author* at *date time***

Explanation

This message indicates a default password was set for the target user. It includes the user who caused the setting to be made, and the date and time it was set. The default password is not included in the message.

Severity

00

CKG116I **Scheduled *type* action for *schedule* on *date* by *user* on *date time* Reason: *reason* Deleted by *user* on *date time* Delete reason: *reason***

Explanation

This message is printed by the LIST command and lists a single scheduled revoke/resume action. The optional run-on messages indicate the revoke/resume reason, and, for a wiped action, the user that wiped the scheduled action.

Severity

00

CKG117I **--- Overall revoke/resume status --- Revoke from *date* Resume from *date***

Explanation

This message is printed by the LIST command. It is printed after the scheduled actions; the run-on messages list the overall revoke/resume schedule for the user.

Severity

00

CKG118I **Stopped due to attention**

Explanation

This message indicates that CKGRACF was stopped due to an attention. It will only be issued at the end of the command during which the ATTN key was pressed; commands will not be stopped halfway through.

Severity

00

CKG119I **Command request has been queued**

Explanation

This message indicates that a USER REQUEST command for a multiple-authority user ID was queued.

The command must be approved by another user before it will be executed.

Severity

00

CKG120I **User *user* not resumed due to scheduled actions**

Explanation

This message indicates that a USER RESUME command for the indicated *user* did not resume the user ID, since the scheduled actions for the user indicate the user should be revoked. If the user really should be resumed, use the USER SCHEDULE command to alter the scheduled revoke/resume actions.

Severity

08

CKG121I **User *user* set to *status* after wipe**

Explanation

This message indicates that a USER SCHEDULE WIPE command for scheduled actions that applied to past dates caused the indicated *user*'s revoke status to be changed to *status* (revoked or resumed). This may be due to a changed overall schedule, or because a previous ALTUSER REVOKE or ALTUSER RESUME command was overridden by the scheduled revoke status.

Severity

0

CKG122I **User *user* left *status* after wipe**

Explanation

This message indicates that a USER SCHEDULE WIPE command for scheduled actions that applied to past dates did not cause the indicated *user*'s revoke status to be changed; it was left *status* (revoked or resumed). This may be because the overall schedule has not changed, or because a previous ALTUSER REVOKE or ALTUSER RESUME command agrees with the changed overall schedule.

Severity

00

CKG123I **User *user* left revoked after wipe, resumed due to RESUME**

Explanation

This message indicates that a USER SCHEDULE WIPE command for scheduled actions that applied to past dates did not cause the indicated *user*'s revoke status to be changed; it was left revoked. However, a subsequent RESUME subcommand in the same USER command will set the user's revoke status to resumed.

Severity

00

CKG126I **Only PERMIT/CONNECT/REMOVE/ DELDSD/RDELETE allowed for ASK/REQ**

Explanation

The only supported commands for ASK/REQ (and thus queuing) are PERMIT/CONNECT/REMOVE/ DELDSD/RDELETE. This message is issued if another RACF command is given.

Severity

08

CKG127I **Failed to lock profile *class profile***

Explanation

Locking of the specified target profile failed. No profile data can be read; the command can not be executed.

Severity

08

CKG128I **Error in handling of queued command**

Explanation

An error occurred while trying to process the next stage of a queued command.

Severity

08

CKG129I **Failed to store command**

Explanation

Writing a queued command failed. This error can have multiple causes, for example, the profile cannot be written to or the USRDATA field in the profile is full.

Severity

08

CKG130I **Failed to unlock profile *class profile***

Explanation

The specified target profile could not be freed. Other programs will not be able to use this profile if it is not unlocked.

Severity

12

CKG131I **Error in handling of queued command**

Explanation

An error occurred while trying to process the next stage of a queued command.

Severity

08

CKG132I **No CKGRACF queued command entries found**

Explanation

This message indicates that the LIST command did not find any CKGRACF created queued command entries in the profile being listed.

Severity

00

CKG133I **No CKGRACF schedule data entries found**

Explanation

This message indicates that the LIST command did not find any CKGRACF created schedule entries in the profile being listed.

Severity

00

CKG135I ***parameter* only valid in PARM string**

Explanation

The *parameter* NOCLOSE, NODUMP or TEXTPIPE is only valid in the parameter string, not in an included file.

Severity

12

CKG messages from 400 to 499

CKG400I ***message***

Explanation

Results from a variety of debugging commands not described in this manual.

Severity

00

CKG401I **Request=audit: SAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is due to a DEBUG SAFRC command and indicates the SAF and RACROUTE result and reason codes for a RACROUTE REQUEST=AUDIT call. All values are in hexadecimal.

Severity

00

CKG402I **Checking for *level* access to *class resource***

Explanation

This message is due to a DEBUG RACHECK command and indicates the resource name and access level that will be checked.

Severity

00

CKG403I **Request=*type*: SAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is due to a DEBUG SAFRC command and indicates the SAF and RACROUTE result and reason codes for a RACROUTE REQUEST= *type* call. All values are in hexadecimal.

Severity

00

CKG404I **Request=extract,user: SAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is due to a DEBUG SAFRC command and indicates the SAF and RACROUTE result and reason codes for a RACROUTE REQUEST=EXTRACT call for a user profile. All values are in hexadecimal.

Severity

00

CKG405I **Request=extract,owner: SAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is due to a DEBUG SAFRC command and indicates the SAF and RACROUTE result and reason codes for a RACROUTE REQUEST=EXTRACT call that attempted to find the profile's owner. All values are in hexadecimal.

Severity

00

CKG406I **Request=extract,encrypt: SAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is due to a DEBUG SAFRC command and indicates the SAF and RACROUTE result and reason codes for a RACROUTE REQUEST=EXTRACT,TYPE=ENCRYPT call that attempted to encrypt a password. All values are in hexadecimal.

Severity

00

CKG407I **ICHEINTY *type* RC (hex) *value*; reason (hex) *value* (*explanation*)**

Explanation

This message is due to a DEBUG ICHEINTY command and indicates the ICHEINTY result and reason codes and a short explanation for a failed ICHEINTY call that attempted to read a profile. All values are in hexadecimal. This message immediately follows CKG661I, which indicates the class and profile name.

Severity

00

CKG408I **ICHEINTY CKGIWRT write RC (hex) *value*; reason (hex) *value* (*explanation*)**

Explanation

This message is due to a DEBUG ICHEINTY command and indicates the ICHEINTY result and reason codes and a short explanation for a failed ICHEINTY call that attempted to write to a profile. All values are in hexadecimal. This message immediately follows CKG662I, which indicates the class and profile name.

Severity

00

CKG409I **ICHEINTY *type* delete RC (hex) *value*; reason (hex) *value* (*explanation*)**

Explanation

This message is due to a DEBUG ICHEINTY command and indicates the ICHEINTY result and reason codes and a short explanation for a failed ICHEINTY call that attempted to delete a profile. All values are in hexadecimal. This message immediately follows CKG663I, which indicates the class and profile name.

Severity

00

CKG410I **Request=verify,create: RAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is issued when DEBUG SAFRC is active.

Severity

00

CKG411I **Request=verify,delete: RAF RC (hex) *value*; RACF RC (hex) *value*; RACF reason (hex) *value***

Explanation

This message is issued when DEBUG SAFRC is active.

Severity

00

CKG415I **Checking access for *id* on *class profile***

Explanation

This message indicates that the access of a user or group on a resource is being checked.

Severity

00

CKG416I **RACF profile: *class profile***

Explanation

This message is issued when DEBUG RACHECK is activated, and contains the matching profile for the RACHECK.

Severity

00

CKG417I ***user* is [not] resource OWNER**

Explanation

This message indicates that a user is [not] the owner of the resource indicated by the preceding CKG415I message.

Severity

00

CKG418I ***user* is [not] resource HLQ**

Explanation

This message indicates that a user ID is [not] equal to the HLQ of the resource indicated by the preceding CKG415I message.

Severity

00

CKG419I ***user* is *user attribute***

Explanation

This message indicates that a user is SPECIAL, OPERATIONS, AUDITOR, or ROAUDIT.

Severity

00

CKG420I ***user* is not SPECIAL[, OPERATIONS, AUDITOR, or ROAUDIT]**

Explanation

This message indicates that a user is not SPECIAL. If read access to the resource was asked, the message also indicates that the user is not OPERATIONS, AUDITOR, or ROAUDIT. The resource is indicated by the preceding CKG415I message.

Severity

00

CKG421I ***user* is *group attribute* in *group* in the resource group owner chain**

Explanation

This message indicates that a user is GROUP SPECIAL, GROUP OPERATIONS, or GROUP AUDITOR in a group in the resource group owner chain. The resource is indicated by the preceding CKG415I message.

Severity

00

CKG422I ***user* is not GROUP SPECIAL[, GROUP OPERATIONS, or GROUP AUDITOR] in the resource group owner chain**

Explanation

This message indicates that a user is not GROUP SPECIAL in any group in the resource group owner

chain. If read access to the resource was asked, the message also indicates that the user is not GROUP OPERATIONS or GROUP AUDITOR in any group in the resource group owner chain. The resource is indicated by the preceding CKG415I message.

Severity

00

CKG423I ***user* is *group attribute* in *group* in the resource HLQ group owner chain**

Explanation

This message indicates that a user is GROUP SPECIAL, GROUP OPERATIONS, or GROUP AUDITOR in a group in the resource HLQ group owner chain. The resource is indicated by the preceding CKG415I message.

Severity

00

CKG424I ***user* is not GROUP SPECIAL[, GROUP OPERATIONS, or GROUP AUDITOR] in the resource HLQ group owner chain**

Explanation

This message indicates that a user is not GROUP SPECIAL in any group in the resource HLQ group owner chain. If read access to the resource was asked, the message also indicates that the user is not GROUP OPERATIONS or GROUP AUDITOR in any group in the resource HLQ group owner chain. The resource is indicated by the preceding CKG415I message.

Severity

00

CKG messages from 500 to 599

CKG500I **Connect revoke/resume is not supported in combination with UNTIL/FOR/LEN**

Explanation

The REVOKE, NOREVOKE, RESUME, and NORESUME parameters are not allowed on a CONNECT command for temporary commands (commands with UNTIL/LEN/FOR specified).

Severity

08

CKG501I **Unable to read connect information**

Explanation

CKGRACF was unable to read the connect information of a connect profile. Maybe this profile was garbled.

Severity

08

CKG502I ***class* not a valid class for *command***

Explanation

You tried to specify USER/GROUP/CONNECT for a *command* command.

Severity

12

CKG503I ***class profile* profile for *command* not found**

Explanation

The profile for the *command* command could not be found, because it was not (properly) specified. For fully qualified generics, check that you specified generic.

Severity

08

CKG504I ***class profile* profile for *command* not found**

Explanation

The profile for the *command* command could not be found, because it was not (properly) specified.

Severity

08

CKG505I Failed to parse queued command

Explanation

An already stored queued command could not be parsed during reading. It was changed after queuing.

Severity

12

CKG506I CMD subcommand not supported

Explanation

The RACF command you specified for CMD is not supported.

Severity

12

CKG507I CMD subcommand parsing error

Explanation

The syntax of the RACF command given to CMD was incorrect. Check the syntax of the command.

Severity

12

CKG508I Internal error in IKJPARS

Explanation

An error occurred during parsing of the specified RACF command. Check the syntax of the command.

Severity

20

CKG509I Could not prompt for parameters

Explanation

The RACF command given to CMD needs further input, which could not be given in a noninteractive session.

Severity

12

CKG510I ATTN pressed

Explanation

The ATTN key was pressed during the parsing of the specified RACF command.

Severity

12

CKG511I Unknown RACF parse error

Explanation

An error was issued during parsing of the RACF command that is unknown to either the parser or CKGRACF.

Severity

20

CKG512I FROM not allowed for UNTIL/FOR/LEN

Explanation

The FROM parameters on the PERMIT command are not supported for temporary commands (commands with UNTIL/LEN/FOR specified). Request the reverse commands yourself through CMD AT.

Severity

12

CKG513I WHEN is not supported with UNTIL/FOR/LEN

Explanation

Modifying the conditional access list of a profile is not supported for temporary commands (commands with UNTIL/LEN/FOR specified). Request the reverse commands yourself through CMD AT.

Severity

12

CKG514I RESET not allowed for UNTIL/FOR/LEN

Explanation

Resetting the access list is not allowed for temporary commands (commands with UNTIL/LEN/FOR specified). Issue the reverse commands through extra CMD commands.

Severity

12

CKG515I **Only one ID supported for UNTIL/FOR/LEN**

Explanation

The ID() parameter for the PERMIT command can only have one ID specified for temporary commands (commands with UNTIL/LEN/FOR specified). Issue multiple CMD commands.

Severity

12

CKG516I **Access EXECUTE only allowed for classes DATASET and PROGRAM**

Explanation

The access level of EXECUTE for the PERMIT command is only allowed with the classes DATASET and PROGRAM.

Severity

08

CKG517I **Only one userid supported for CONNECT/REMOVE**

Explanation

The user ID parameter of a CONNECT or REMOVE command can only have one user ID specified. Issue multiple CMD commands.

Severity

12

CKG518I **UNTIL/FOR/LEN only allowed with PERMIT/CONNECT/REMOVE, and not with *command***

Explanation

The only supported commands for UNTIL/FOR/LEN are PERMIT/CONNECT/REMOVE.

Severity

12

CKG530I **INDD, OUTDD, and ERRDD only valid in the parameter string.**

Explanation

An occurrence of INDD, OUTDD, or ERRDD was encountered outside of a PARM string.

Severity

12

CKG569I **Specified ID *id* not USER or GROUP**

Explanation

The user ID specified on the ACCESS command was neither a user nor a group. The syntax is CKGRACF ACCESS <id> <class> <resource>.

Severity

08

CKG570I **Class *class* is not active**

Explanation

The requested ACCESS is undecided, because the class is not active. Most applications allow access in this case.

Severity

00

CKG571I **Class *class* is not defined to RACF**

Explanation

The requested ACCESS is undecided, because the class is not defined in the class descriptor table. Most applications allow access in this case.

Severity

00

CKG572I **RACF is inactive**

Explanation

The requested ACCESS is undecided, because RACF is not active. Most applications allow access in this case.

Severity

00

CKG573I **RACF is inactive and class *class* is not active**

Explanation

The requested ACCESS is undecided, because RACF is not active and the class is also inactive. Most applications allow access in this case.

Severity

00

CKG574I **RACF is not installed, or has an insufficient level**

Explanation

The requested ACCESS is undecided, because RACF was not installed or is not at a sufficient level to support the CKGRACF query. Most applications allow access in this case.

Severity

00

CKG575I **Unsupported STAT return code. SAF (hex) *nn*; RACF (hex) *nn***

Explanation

The requested ACCESS is undecided. A RACSTAT call was done for the class, but the return code has no built-in interpretation. Most applications allow access in this case.

Severity

00

CKG576I **Current® status: *status***

Explanation

This message is printed in case of an abend. During command processing, it may be followed by message CKG952I. *status* gives a rough indication of the program's activity at the time of the abend.

Severity

00

CKG577I **Current command: *command***

Explanation

This message is printed in case of an abend, if the abend occurs during command processing. It follows message CKG951I. *command* indicates the current command being processed.

Severity

00

CKG578I ***class profile* contains a TVTOC**

Explanation

The ACCESS command issued this unexpected response.

Severity

00

CKG579I ***class profile* can contain a TVTOC, but currently does not**

Explanation

The ACCESS command issued this unexpected response.

Severity

00

CKG580I ***class profile* does not contain a TVTOC**

Explanation

The ACCESS command issued this unexpected response.

Severity

00

CKG581I **[New | Default] password phrase prepared for RRSF propagation**

Explanation

This message notifies the user that CKGRACF concluded that a password synchronization package was in control and required password phrases to be passed in cleartext. The only commands that can be synchronized are PWSET PHRASE and PWSET PASSWORD. Password phrases in queued PWSET PHRASE commands are two-way encrypted (hashed) with a fixed key. When such a command is being completed, its password phrase is decrypted and then sent as cleartext with ENCRYPT=YES.

Severity

00

CKG582I ***type* has *level* access to *class profile***

Explanation

This is a response to the ACCESS command. The user or group (*type*) has access level *level* to the specified *profile* in class *class*.

Severity

00

CKG583I ***class profile* is unprotected, protectall in warning mode**

Explanation

This is a response to the ACCESS command. The user or group can access the data set freely because there is no generic profile for the specified resource and RACF operates in PROTECTALL(WARNING) mode. A warning message will be issued, but access will be allowed. There is one exception: if there is a discrete data set profile, the resource might in fact be protected. The current ACCESS command does not support discrete data set profiles.

Severity

00

CKG584I ***class profile* is protected by protectall fail mode**

Explanation

This is a response to the ACCESS command. The user or group cannot access the data set because there is no generic profile for the specified resource and RACF operates in PROTECTALL(FAIL) mode. There is one exception: if there is a discrete data set profile, the resource might in fact be accessible. The current ACCESS command does not support discrete data set profiles.

Severity

00

CKG585I ***class profile* is unprotected because of noprotectall**

Explanation

This is a response to the ACCESS command. The user or group can access the data set freely because there is no generic profile for the specified resource and RACF operates in NOPROTECTALL mode. There is one exception: if there is a discrete data set profile, the resource might in fact be protected. The current ACCESS command does not support discrete data set profiles.

Severity

00

CKG586I ***class profile* protection undecided by SAF, application decides**

Explanation

The requested ACCESS is undecided. The class is active but no matching profile was found. Some applications allow access in this case, some do not.

Severity

00

CKG587I ***type* is not authorized to *class profile***

Explanation

This is a response to the ACCESS command. The user or group cannot access the resource.

Severity

00

CKG588I ***type* is not authorized to use volume *volser***

Explanation

This is a response to the ACCESS command. The user or group cannot access the resource.

Severity

00

CKG589I ***type* is not authorized to use *class profile***

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource.

Severity

00

CKG590I ***type* is not authorized to open non-cataloged dataset**

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource because of the CATDSNS setting.

Severity

00

CKG591I ***type*** **is not authorized when system is in tranquil state**

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource because the system is in MLQUIET tranquilized state.

CKG592I ***type*** **has EXECUTE access to** ***class profile***

Explanation

This is a response to the ACCESS command. Generally you will not see this message.

Severity

00

CKG593I ***class profile*** **seclabel not dominated by user**

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource because the resource has a seclabel that is not dominated by the user.

Severity

00

CKG594I ***class profile*** **seclabel cannot be dominated by user**

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource because the resource has a seclabel that is not dominated by the user.

CKG595I ***class profile*** **required seclabel missing**

Explanation

This is a response to the ACCESS command. The user or group (*type*) cannot access the resource because either the resource or the user has a seclabel and the other does not.

Severity

00

CKG596I **REQUEST=VERIFY was failed by exit**

Explanation

This is a response to the ACCESS command. Access checking failed because a site exit prevented a security environment to be established for CKGRACF.

Severity

00

CKG597I ***type*** **has been revoked**

Explanation

This is a response to the ACCESS command. Access checking failed because a security environment cannot to be established for CKGRACF. This happens because the user is currently revoked.

Severity

00

CKG598I ***type*** **has insufficient or no seclabel**

Explanation

This is a response to the ACCESS command. Access checking fails because a security environment cannot to be established for CKGRACF. This happens because the user seclabel is missing or insufficient.

Severity

00

CKG599I **Unsupported AUTH return code: SAF RC (hex)** ***nn*****; RACF RC (hex)** ***nn*****; RACF reason (hex)** ***nn*****; Class** ***class*****; Profile** ***profile***

Explanation

This is a response to the ACCESS command. It is a catchall message for SAF and RACF return codes that are not interpreted into text messages by CKGRACF.

Severity

00

CKG messages from 600 to 699

CKG600I **Profile *class profile* not found**

Explanation

The indicated profile was specified as the target of the current command, but does not exist. The current command cannot be performed. Use DEBUG RACROUTE to view the RACROUTE return codes; message CKG404I (for USER profiles) or CKG405I (for all other profile types) indicates the RACROUTE,request=EXTRACT return codes.

Severity

08

CKG601I **Owner of profile *class profile* (ID=*owner*) not found**

Explanation

The owner of the indicated profile is *owner*; this is neither a user ID nor a group ID. This indicates an error in the RACF database; run the VERIFY PERMIT command.

Severity

04

CKG602I **Profile *class profile* leads to owner loop**

Explanation

The owner of the indicated profile is a group whose owner tree leads to a loop. This indicates an error in the RACF database; run the VERIFY GROUPTREE command.

Severity

20

CKG603I **Scope profile too long for *class profile***

Explanation

The scope resource name for the indicated profile cannot be constructed, since it would be over 255 characters. The scope check for the indicated profile will always fail. This can be solved by simplifying the group tree structure in your RACF database.

Severity

08

CKG604I **Access *access* to command resource *class resource* denied for command at *file* line *n***

Explanation

Access to the command at input file *file*, line *n*, required *access* access to the command resource *resource*. Access was denied; the command will not be executed.

Severity

08

CKG605I **Profile *class profile* not in scope for command at *file* line *n***

Explanation

Access to the target profile *class profile* for the command at input file *file*, line *n*, was denied after both the SCP profiles had been checked. The command will not be executed. To determine the cause of this message, you can use the "Show CKGRACF command flow" in SETUP TRACE when in IBM Security zSecure Admin and Audit for RACF, or use the CKGRACF DEBUG command directly. This will show the access checks that are performed, so that you can examine the situation, and possibly request additional authorities.

Severity

08

CKG606I **Access to userdata failed for *class profile* and index '*index*' for command at *file* line *n***

Explanation

Access to the USR entries with the indicated *index* of the target profile *class profile* for the command at input file *file*, line *n*, was denied. The USRDATA command will not be executed.

Severity

08

CKG607I ***type*** **password occurs in password history**

Explanation

The new password or new default password specified by *type* occurs in the user's password history. No new password or default password will be set.

Severity

08

CKG608I **Open failed for imbedded member *member* of file *ddname* dataset *dsname***

Explanation

This message indicates that an INCLUDE or IMBED command was given for a member, but the member could not be opened in the data set allocated to the file. Review the job log for a MVS/DFP message or abend code.

Severity

12

CKG609I **Open failed for imbedded file *ddname* dataset *dsname***

Explanation

This message indicates that an INCLUDE or IMBED command was given for a file, but the file could not be opened. Review the job log for a message or abend code.

Severity

12

CKG610I ***action*** **action for *field* failed**

Explanation

This message indicates that an *action* for *field* failed for the FIELD command.

Severity

08

CKG611I **PWCONVERT command refused - user not SPECIAL**

Explanation

This message indicates that a PWCONVERT command was not executed, since the user did not have SPECIAL authority.

Severity

08

CKG612I **Password for user *user* is not hashed**

Explanation

This message indicates that a PWCONVERT command for target user *user* was not executed, since the target user's current password was not hashed.

Severity

08

CKG613I **Could not convert password for user *user***

Explanation

This message indicates that a PWCONVERT command for target user *user* was not executed, since the target user's de-hashed password could not be encrypted using the installation's encryption method. This may be due to the installation's password-encryption exit ICHDEX01 or ICHDEX11. Use DEBUG SAFRC to view the RACROUTE return codes; message CKG406I i indicates the RACROUTE encryption return codes.

Severity

08

CKG614I **RDELETE command refused - user not SPECIAL**

Explanation

This message indicates that an RDELETE command was not executed, since the user did not have SPECIAL authority.

Severity

08

CKG615I **Command action invalid for user *user* with '*authority*' requirement; command at *file* line *n***

Explanation

This message indicates that a USER command was used with a queued-command action invalid for *user* with multiple-authority requirement *authority*.

Severity

08

CKG616I **No default [password | password phrase] found - prompting**

Explanation

This message indicates that a USER PWSET DEFAULT command or a USER PWSET DEFAULT PHRASE command was issued and no default password or password phrase was found. (This can be due to a USER PWDEFAULT DELETE command in the same USER command.) CKGRACF tries to prompt for a new password or password phrase. If this fails, message CKG618I is issued.

Severity

00

CKG617I **Prompting for default [password | password phrase] failed**

Explanation

This message indicates that a USER PWDEFAULT PROMPT command or a USER PWDEFAULT PROMPT PHRASE command was issued. CKGRACF tried to prompt for a default password or password phrase, but this failed. This might be due to the user's profile settings, for example, PROFILE NOPROMPT. The USER command is not executed.

Severity

08

CKG618I **Prompting for [password | password phrase] failed**

Explanation:
This message indicates that a USER PWSET PROMPT command or a USER PWSET PROMPT PHRASE command was issued and no default password or password phrase was found. CKGRACF tried to prompt for a password or password phrase, but this failed. This might be due to the user's profile settings; for example, PROFILE NOPROMPT. The USER command is not executed.

Severity

08

CKG619I **Could not read previous [password | password phrase]**

Explanation

This message indicates that a USER PWSET PREVIOUS command or a USER PWSET PREVIOUS PHRASE command was issued, but the previous password or password phrase could not be read because, for example, the previous password phrase was created when KDFAES was not in effect. The USER command is not executed.

Severity

08

CKG620I **Requested command was already in queue**

Explanation

This message indicates that a USER command was used with the REQUEST option, but that the requested command was already in the target command queue. The previously queued command must be completed, denied, or withdrawn before the request can be allowed. Remember that the target profile for CONNECT and REMOVE is the GROUP profile, not the USER profile.

Severity

08

CKG620 **Requested/asked command was already in queue**

Explanation

This message indicates that a USER command was used with the REQUEST or ASK option, but that the requested command was already in the target command queue. The previously queued command must be completed, denied, or withdrawn before the request can be allowed. Remember that the target profile for CONNECT and REMOVE is the GROUP profile, not the USER profile.

Severity

08

CKG621I **Command not found in queue**

Explanation

This message indicates that a USER command was used with the WITHDRAW, SECOND, or COMPLETE option, but that the requested command was not found in the user's command queue or had already been made inactive.

Severity

08

CKG622I **Could not replace userdata with index '*index*': old data not found**

Explanation

This message indicates that a USRDATA REPLACE command failed for USR entries with the indicated *index*; there was no entry with the old value.

Severity

08

CKG623I ***type* password not allowed by password rules**

Explanation

This message indicates that a new password or new default password indicated by *type* failed to match any of the system's password rules. The new password or new default password will not be used.

Severity

08

CKG624I **ABEND in PWDX exit - suppressed from now on**

Explanation

This message indicates an abend occurred during the call to the installation's new-password exit ICHPWX01. The exit will not be called again during the current run of CKGRACF.

Severity

08

CKG625I **Could not prompt for password**

Explanation

This message indicates that a prompt to enter or reenter a new password failed. This can be due to the user's profile settings (for example, PROFILE NOPROMPT).

Severity

08

CKG626I **Passwords are not identical - prompting again**

Explanation

This message indicates that the passwords entered and reentered at the prompt do not match. Another attempt will be made to prompt for a password. Enter an empty password twice to exit the prompting.

Severity

00

CKG627I **Reason does not fit in USRDATA; truncated**

Explanation

This message indicates that the reason field specified with a USER SCHEDULE command to be queued does not fit in the USRDATA repeat-group. The part of the reason that does fit will be included; the rest will be lost. This message can only occur if the active or backup RACF database is non-restructured.

Severity

04

CKG628I **Action '*requested-action*' not allowed; last action '*action*'; authority '*setting*'**

Explanation

This message indicates that the queued-command action *requested-action* was specified. This action is not allowed after the indicated previous *action* for a user ID with multiple-authority requirement *setting*.

Severity

08

CKG629I **Action '*requested-action*' not allowed; you performed '*action*'**

Explanation

This message indicates that the queued-command action *requested-action* was specified. This action is not allowed because the user performed the earlier

action indicated. Each queued-command command action must be performed by a different user.

Severity

08

CKG630I **Action not allowed; command has expired**

Explanation

This message indicates a queued-command action was specified that is not allowed because the queued command has expired.

Severity

08

CKG631I **Unknown CKGRACF-reserved entry with index '*index*'**

Explanation

This message indicates the LIST command encountered an unknown CKGRACF-reserved USR entry with the indicated *index*. This may be due to settings not made by CKGRACF, or due to settings made with a newer CKGRACF release during, for example, a trial install. These entries can be deleted using WIPE UNDEFINED.

Severity

08

CKG632I **Could not delete userdata elements with index '*index*'.**

Explanation

This message indicates the USRDATA command could not delete an USR entry elements with the indicated *index*. Either no such elements could be found, or the specified USRDATA value for the USR entry did not match.

Severity

08

CKG633I **Access to schedule '*schedule*' denied for command at *file* line *n***

Explanation

Access to the indicated *schedule* was denied for the USER SCHEDULE command.

Severity

08

CKG634I **Authority setting has a wrong format**

Explanation

This message indicates that a multiple-authority setting was encountered that has a wrong format. This may indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use AUTHORITY DELETE or WIPE AUTHORITY to delete the multiple-authority setting from the target user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG635I **Default [password | password-phrase] setting has a wrong format**

Explanation

This message indicates that a default-password or default-password-phrase setting was encountered that has a wrong format. This might indicate a defect in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use the USER PWDEFAULT DELETE [PASSWORD | PHRASE] command to delete the incorrect setting from the target user ID. If the message refers to a password setting, you can also try to use the WIPE DEFAULTPW subcommand to delete the default password for the user ID. If the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG636I **Wrong length *size* specified for field '*description*'**

Explanation:
This message indicates that the value specified for the field with the indicated *description* to be

replaced or deleted had the wrong *size* indicated. If the message pertains to a FIELD command, see table "Fields for CKGRACF FIELD" in zSecure Admin and Audit User Reference Manual for the allowed sizes. If the message pertains to a USER RECREATE command, see table "Options for CKGRACF USER RECREATE" in zSecure Admin and Audit User Reference Manual for the allowed sizes. When *description* is 'password', the message refers to the first (or only) ENCRYPTED_PASSWORD value.

Severity

08

CKG637I **Field '*description*' not available.**

Explanation

This message indicates that the field with the indicated *description* to be displayed, replaced or deleted was not available. If this message is not printed as the result of a FIELD command, it indicates an internal error condition; see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKG638I **Values for field '*description*' do not match**

Explanation

This message indicates that the field with the indicated *description* to be replaced or deleted does not match the value supplied. It is issued as a result of the FIELD command.

Severity

08

CKG639I **Queued command has a wrong format**

Explanation

This message indicates that a queued command was encountered that has a wrong format. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the target user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKG640I **Could not encrypt *type* password for user *user***

Explanation

This message indicates that a USER command for target user *user* was not executed, since the new password or new default password (indicated by *type*) could not be encrypted using the installation's encryption method. This may be due to the installation's password-encryption exit ICHDEX01 or ICHDEX11. Use DEBUG SAFRC to view the RACROUTE return codes; message CKG406I indicates the RACROUTE encryption return codes.

Severity

08

CKG641I ***type* password not allowed by new-password exit**

Explanation

This message indicates that a new password or new default password indicated by *type* was not allowed by the installation's new-password exit ICHPWX01. The new password or new default password will not be used.

Severity

08

CKG642I **Scheduled action has a wrong format**

Explanation

This message indicates that a scheduled revoke/resume action was encountered that has a wrong format. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE SCHEDULE to delete the scheduled actions from the target user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKG643I Press enter twice for no action

Explanation

This message does not indicate an error. It is printed before a password is prompted, and indicates that password prompting can be ended by pressing **Enter** twice.

Severity

00

CKG644I No password entered

Explanation

This message indicates that two empty passwords were entered at the prompt. This ends prompting; since no password was entered, the USER command will not be executed.

Severity

08

CKG645I Previous [password | password phrase] changed during queuing

Explanation

This warning message indicates that, during the execution of a queued USER PWSET PREVIOUS command, it was discovered that the previous password or password phrase was changed while the command was queued. The USER command uses the value of the previous password or password phrase from the time that the command was requested and first queued.

Severity

04

CKG646I Default [password | password phrase] changed during queuing

Explanation

This warning message indicates that, during the execution of a queued USER PWSET DEFAULT, USER PWRESET, or USER PHRESET command, it was discovered that the default password or password phrase was changed or deleted while the command was queued. The USER command will use the value of the default password or password phrase from the time that the command was requested and first queued.

Severity

04

CKG647I Field "*field*" is read only

Explanation

An unexpected return code was returned by ICHEINTY. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKG648I Password change will not be sent to *package* partner nodes

Explanation

This warning indicates that the changes made will not be available in RACF nodes synchronized by the indicated subsystems - the only commands that will be synchronized are PWSET PASSWORD and PWSET PHRASE.

Severity

04

CKG649I *type* password prepared for RRSF propagation

Explanation

This messages notifies the user that CKGRACF concluded that a password synchronization package was in control that required passwords to be passed in cleartext. The only commands that can be synchronized are PWSET PASSWORD and PWSET PHRASE. Passwords in queued PWSET PASSWORD commands are two-way encrypted (hashed) with a fixed key. When such a command is being completed, its password is decrypted and then sent as cleartext with ENCRYPT=YES.

Severity

00

CKG650I **Encountered timestamp from future date**

Explanation

This message indicates that a queued command contained a timestamp from a future date. This may indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG651I **Encountered unknown queued-command code**

Explanation

This message indicates that a queued command contained unknown data. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG652I **Encountered unknown queued-command status**

Explanation

This message indicates that a queued command contained an unknown status flag. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG653I **No default [password | password phrase] available**

Explanation

A USER PWRESET or USER PHRESET command failed because no default password or password phrase was available. This can be due to a PWDEFAULT DELETE subcommand in the same USER command, or because no default password or password phrase is set for the target user.

Severity

08

CKG654I **Password in queued command two-way encrypted with unknown method**

Explanation

This message indicates that a queued command contained unusable data. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the user ID; if the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG656I **A PWDX change requires a PASSWORD change in the same FIELD command**

Explanation

When a FIELD command with action ADD, SET, or REPLACE specifies a PWDX field, the same command must specify a PASSWORD field as well.

Severity

12

CKG657I **A PHRASEX change requires a PHRASE change in the same FIELD command**

Explanation

When a FIELD command with action ADD, SET, or REPLACE specifies a PHRASEX field, the same command must specify a PHRASE field as well.

Severity

12

CKG658I **Field *field* is not allowed because *feature* is not supported on this system**

Explanation

This system does not support *feature*. Therefore, *field* cannot occur in FIELD commands.

Severity

12

CKG659I **IRRSPW00: SAF RC (hex) *safrc*; RACF RC (hex) *racfrc*; RACF reason (hex) *racfreas***

Explanation

There was an error in callable service IRRSPW00. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKG660I ***PWSET option* option not allowed - use NOPROTECTED first**

Explanation

The USER PWSET command cannot be used to change the password or password phrase of a protected user. Use the USER *userid* PWSET NOPROTECTED command to remove the protected status of the target user ID before changing the password or password phrase of the user.

Severity

08

CKG661I **Could not read profile data from *class profile***

Explanation

This message indicates that (part of) the indicated *profile* could not be read. The profile exists but may lack a specific segment. For example, a BINDPW field is addressed but the profile does not have a PROXY segment. Use DEBUG ICHEINTY to view more detailed information.

Severity

08

CKG662I **Could not write profile data to *class profile***

Explanation

This message indicates that the indicated *profile* could not be updated. This may be because the target profile does not exist, or because the profile has become too large due to many CKGRACF USRDATA entries. Use DEBUG ICHEINTY to view more detailed information.

If the profile is too large, consider running a WIPE command possibly followed by re-adding still relevant commands. For information, see the WIPE command documentation in the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*.

If this message is issued for more than one profile, or if it reoccurs on a regular basis, the period during which CKGRACF keeps expired commands in the profiles for auditing purposes might be too long. This setting can be verified with the SHOW CKRSITE command. For information on the SHOW command, see the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*. For information on changing the value for the CKRSITE Keep Command parameter, see the *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

08

CKG663I **Could not delete profile *class profile* [vol(*volser*)]**

Explanation

This message indicates that the indicated *profile* could not be deleted. This may be because the target profile does not exist. Use DEBUG ICHEINTY to view more detailed information.

Severity

08

CKG664I **Profile *class profile* not found**

Explanation

This message indicates that the indicated *profile* could not be found. Probably the profile does exist; you may have made a typing error. Use DEBUG ICHEINTY to view more detailed information.

Severity

08

CKG665I **Unable to determine CKGAUTH for *class* and index "*profile*" for command**

Explanation

The internal multiple authority requirement for the specified profile could not be determined.

Severity

00

CKG666I **Unable to execute timed temporary command because UNTIL date is already past**

Explanation

A temporary command was scheduled for a time period from AT date to UNTIL date, but was not executed before the UNTIL date passed. This command can not be executed anymore, and will be forcibly expired.

Severity

08

CKG667I **RACF command execution failed**

Explanation

A queued command could not be executed during a REFRESH. This could mean that a temporary command will not be undone! Check the profile manually for the failed command.

Severity

08

CKG668I **Unable to reverse command *command***

Explanation

The indicated command was to be issued temporarily. However, an attempt to reverse the meaning of the command has failed. Reversal may have to be done manually.

Severity

08

CKG669I **Internal error in procedure *name*; reason: *reason***

Explanation

This message indicates that an internal error occurred. Note the procedure *name* and, if present, the *reason*, and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKG670I **Access to racfdata failed for *class prefix* and index *index* for command *command***

Explanation

A racfdata profile does not allow the user to specify a certain RACF parameter or value. The *index* indicates the parameter. For information on the indices, refer to the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*.

Severity

08

CKG671I **Command already deleted**

Explanation

Occurs when multiple identical commands have to be deleted, for example, due to expiration.

Severity

04

CKG672I **Scheduled event already deleted.**

Explanation

This message indicates that a duplicate scheduled event has been deleted.

Severity

04

CKG673I **IMBED parameters FILEDESC/PATH mutually exclusive with DD/MEM**

Explanation

This message indicates that a FILEDESC/PATH parameter has been used in conjunction with a DD/MM parameter.

Severity

12

CKG674I **Answer to question Q*nn* hashed with unknown function**

Explanation

The answer to question Q*nn* has an unknown format because it has been hashed with an unknown function

Severity

08

CKG675I **Question Q*nn* is *question***

Explanation

This message shows question *nn*.

Severity

00

CKG676I **Authentication by questions failed**

Explanation

Some answers are wrong.

Severity

08

CKG677I **Authentication by questions succeeded**

Explanation

All answers are right.

Severity

00

CKG678I **Could not list question Q*nn***

Explanation

Question *nn* cannot be listed because it does not exist.

Severity

04

CKG679I **Could not delete question Q*nn***

Explanation

Question *nn* cannot be deleted because it does not exist.

Severity

08

CKG680I **Could not verify question Q*nn***

Explanation

Question *nn* cannot be verified because it does not exist.

Severity

08

CKG681I **User or group profile *profile* not found**

Explanation

The user or group profile *profile* does not exist.

Severity

04

CKG682I **Password phrase change will not be sent to *package* partner nodes.**

Explanation

This message indicates that the changes made will not be available in RACF nodes synchronized by the indicated subsystems. The only commands that will

be synchronized are PWSET PHRASE and PWSET PASSWORD.

Severity

04

CKG683I **Password phrase has fewer than minimum characters**

Explanation

The password phrase must have at least 9 characters in the following situations:

- The new-password-phrase exit (ICHPWX11) is present and has not abended during the current run of CKGRACF.
- The KDFAES password hashing algorithm is used.

Otherwise, the password phrase must have at least 14 characters.

Severity

08

CKG684I **[New | Default] password phrase contains more than 2 consecutive characters that are identical.**

Explanation

The password phrase must not contain more than 2 consecutive characters that are identical.

Severity

08

CKG685I **[New | Default] password phrase must contain at least 2 alphabetic characters.**

Explanation

The password phrase must contain at least 2 alphabetic characters (A - Z or a - z).

Severity

08

CKG686I **[New | Default] password phrase must contain at least 2 non-alphabetic characters.**

Explanation

The password phrase must contain at least 2 non-alphabetic characters; that is, numerics, punctuation, or special characters.

Severity

08

CKG687I **[New | Default] password phrase contains the user ID.**

Explanation

The password phrase must not contain the user ID as sequential uppercase or sequential lowercase characters.

Severity

08

CKG688I **ABEND in new-password-phrase exit - suppressed from now on.**

Explanation

An abend occurred during the call to the installation's new-password-phrase exit ICHPWX11. The exit will not be called again during the current run of CKGRACF.

Severity

08

CKG689I **Password phrase in queued command two-way encrypted with unknown method.**

Explanation

A queued command contains unusable data. This might indicate a bug in CKGRACF or that the USR field of the target user ID was altered by a different, incompatible command. Try to use WIPE QUEUE to delete the queued commands from the user ID. If the error occurs again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKG690I **Could not encrypt [New | Default] password phrase for user *user*.**

Explanation

A USER command for target user *user* was not executed, since the new password phrase could not be encrypted. Use DEBUG SAFRC to view the RACROUTE return codes; message CKG406I indicates the RACROUTE encryption return codes.

Severity

08

CKG691I **[New | Default] password phrase occurs in password phrase history.**

Explanation

The new password phrase occurs in the password phrase history of the user. No new password phrase will be set.

Severity

08

CKG692I **[New | Default] password phrase not allowed by new-password-phrase exit.**

Explanation

A new password phrase was not allowed by the installation's new-password-phrase exit ICHPWX11. The new password phrase will not be used.

Severity

08

CKG693I **RACLINK ID(*userid*) UNDEFINE(*node.id*) failed - no association found**

Explanation

A user ID association between user *userid* on the local node and user *id* on node *node* was not found in the *userid* profile. Consequently, the specified association was not undefined.

Severity

08

CKG694I **[NOPASSWORD | NOPHRASE] option not allowed - add a [PHRASE | PASSWORD] first or use PROTECTED**

Explanation

The USER PWSET NOPASSWORD command or the USER PWSET NOPHRASE command would create a user without a password and without a phrase.

User response

Either assign a value to the other field or make the user protected using the USER PWSET *userid* PROTECTED command.

Severity

08

CKG695I **There is no server active with SERVERTOKEN=*name***

Explanation

An attempt was made to access the zSecure Server with SERVERTOKEN=*name*, but an active server with the specified server token was not located.

User response

Verify that the server token is correct in SETUP RUN when running the ISPF user interface. If the token is correct, ensure that the server is still running. Restart the server if it is not running.

Severity

00

CKG696I **Client connection to server failed RC=*decnum***

Explanation

An attempt to access the zSecure Server failed with the indicated return code. If one or more fields were specified that required server access, these fields could not be verified.

Return code values:

2
See the prior server-error CKN message. The message is prefixed by the ZSECSYS name of the server.

4
Did not all fit in buffer

8
Unsupported function

12
Caller not authorized as client

16
Parameters not valid

User response

Look for CKN* server messages before this message and follow their guidance. For return codes greater than 2, restart the server to see whether the problem disappears.

Severity

00

CKG697I **Default password phrase can only be set when using the KDFAES algorithm.**

Explanation:
The PWDEFAULT PHRASE subcommand is only supported if the KDFAES password hashing algorithm is used. You can change the current password algorithm using the SETROPTS PASSWORD(ALGORITHM(KDFAES)) command.

Severity

08

CKG698I **No USER RECREATE [password | password phrase] extension is allowed because KDFAES is not supported on this system**

Explanation:
This system does not support KDFAES. Therefore, USER RECREATE commands cannot have an ENCRYPTED_PASSWORD or ENCRYPTED_PHRASE option where the password or password phrase is followed by a password extension or password phrase extension.

Severity

08

CKG699I **Last-use time of *user* has been set or the user ID has been used**

Explanation

A USER RECREATE command was applied to user ID *user* but the last-use time of *user* was set with an ALTUSER or CKGRACF command, or through using the user ID. USER RECREATE commands are not allowed to be applied to user IDs that have a last-use time, as explained in the documentation for the CKGRACF USER command in the *IBM Security zSecure Admin and Audit for RACF User Reference Manual*.

Severity

08

CKG messages from 700 to 799

CKG700I **Expected decimal value instead of *type* "*value*" at *file* line *number***

Explanation

This message indicates that a non-decimal value was encountered where a decimal value was expected.

Severity

12

CKG701I **Value *value* (decimal) too large**

Explanation

This message indicates that a value was read that is too large to fit in the field. *value* indicates the value read after conversion to decimal.

Severity

12

CKG702I **Value *value* (decimal) less than minimum *minimum***

Explanation

This message indicates that a value was read that is less than the indicated minimum value for the field. *value* indicates the value read after conversion to decimal.

Severity

12

CKG703I **Value *value* (decimal) larger than maximum *maximum***

Explanation

This message indicates that a value was read that is larger than the indicated maximum value for the field. *value* indicates the value read after conversion to decimal.

Severity

12

CKG704I **Error during '*character*' conversion of string *string***

Explanation

This message indicates an error during the conversion of a string from binary, decimal, or hexadecimal. *character* indicates the type of conversion attempted; if omitted, an abend occurred during conversion.

Severity

12

CKG705I **Invalid conversion character '*character*'**

Explanation

This message indicates that a quoted string was followed by a conversion character not supported by the current command. The only conversion characters supported for the current command are ' X' (convert from hexadecimal) and 'C' (keep case as-is).

Severity

12

CKG706I **String with length *length* is longer than expected size *size***

Explanation

This message indicates that a string was read with the indicated *length*. The string is too large to fit in the field, which has a maximum size of *size.*

Severity

12

CKG707I **Keyword '*keyword*' not allowed at *file* line *number***

Explanation

This message indicates that a keyword was encountered that was recognized as a valid option for the current command, but is not allowed at the current position.

Severity

12

CKG708I **Keywords '*keyword one*' and '*keyword two*' are mutually exclusive at *file* line *number***

Explanation

This message indicates that two keywords were encountered that are both valid options for the current command, but that are mutually exclusive. The indicated position is that of the second keyword.

Severity

12

CKG709I **Class '*class*' not allowed at *file* line *number***

Explanation

This message indicates that a class was specified that is not allowed with the current command.

Severity

12

CKG710I **'*string*' is not a valid user/groupid, size > 8**

Explanation

This message indicates that a user or group ID was specified that is not valid, since it is more than 8 characters long.

Severity

12

CKG711I **Invalid profile type '*character*'**

Explanation

This message indicates that an invalid conversion character was specified with the RDELETE or USRDATA command. Valid conversion characters for either command are 'D' (discrete) and 'G' (generic). Valid conversion characters for the RDELETE command only are 'C' (keep case as-is) and 'X' (convert from hexadecimal).

Severity

12

CKG712I **Interval value larger than SETROPTS maximum *maximum***

Explanation

This message indicates that an interval was specified with the USER command that is larger than the system-defined maximum set by the SETROPTS PASSWORD(INTERVAL) command.

Severity

12

CKG713I **Keyword '*keyword*' not allowed in batch or APPC mode**

Explanation

The keyword specified is not allowed in batch mode.

Severity

12

CKG714I **PWDEFAULT default option 'PROMPT' not allowed in batch or APPC mode**

Explanation

The default option of the USER PWDEFAULT command is not allowed in batch mode.

Severity

12

CKG715I **CNG* USRNM values are reserved**

Explanation

The USRDATA command was specified with an index value starting with CNG. These indexes are reserved for use by CKGRACF and cannot be accessed using the USRDATA command. CKGRACF settings can be listed using the LIST command.

Severity

12

CKG716I **Start-date must be earlier than end-date**

Explanation

In the USER SCHEDULE command, the start-date specified must be earlier than the end-date specified.

Severity

08

CKG717I **Left margin cannot exceed right margin**

Explanation

In the MARGINS(*x*,*y*) command, *x* (the left margin) cannot exceed *y* (the right margin).

Severity

12

CKG718I **CKGRACF terminated due to input errors**

Explanation

Previous messages indicate an error in the program parameters or command input file. CKGRACF does not perform any command if the input is not syntactically correct. Correct the errors and run the program again.

Severity

12

CKG719I **Schedule date must be today or in the future**

Explanation

You specified a past schedule date with a USER SCHEDULE REQUEST command. Requested schedule dates must be today or lie in the future. Note that a date entered in an invalid format may cause this message to be issued, since it is read as zero (01JAN1900).

Severity

12

CKG720I **Invalid date '*date*'**

Explanation

The specified *date* has an invalid format or contains an invalid date. Dates must have the format 01jan2000 (ISO-date) or 2001/365 (Julian date). An invalid date would be to specify February 29 in a non-leap year.

Severity

12

CKG721I **Discrete dataset profiles not allowed**

Explanation

You specified the "D" conversion character for a data set profile with the USRDATA command. The USR field of discrete data set profiles is not supported by CKGRACF.

Severity

12

CKG722I **Password value must be specified for password request**

Explanation

You specified the USER PWSET PASSWORD or USER PWDEFAULT PASSWORD command for a request. In this case, you must specify a password value between parentheses after the PASSWORD option, for example, PASSWORD(SECRET). The password value is only optional for an action other than REQUEST.

Severity

12

CKG723I **Only option QUEUE or TAG allowed with CLASS *class***

Explanation

For all classes except USER, only the options QUEUE and TAG are allowed with the LIST command. The QUEUE option will be the default for these classes.

Severity

12

CKG724I **No command specified for CMD**

Explanation

The CMD command could not find any RACF command in its command-line.

Severity

12

CKG725I **Start-date cannot be earlier than today**

Explanation

You specified an AT date on a CMD command that was already past.

Severity

08

CKG726I **No active commands specified, CKGRACF terminated**

Explanation

You didn't specify any active commands on input to CKGRACF. Non-active commands are DEBUG, INCLUDE and SUPPRESS.

Severity

12

CKG727I **At least one option is required for the *command* command**

Explanation

The command *command* requires at least one option, which isn't provided.

Severity

12

CKG728I **PWNO* keywords require an additional keyword**

Explanation

This message is issued when PWNOEXIT, PWNOHIST or PWNORULE are defined as the only keywords on a USER command. These keywords require another keyword (for example, PWSET) to be effective and useful.

Severity

12

CKG729I **Date value '*value*' 2-digit year is ambiguous**

Explanation

This suppressible message indicates that a 2-digit year was encountered. By default, this is not allowed to prevent any year-2000 related confusion. In case this is a problem for backward compatibility, the message can be suppressed. In this case the 2-digit years are all interpreted as lying in the 20th century (i.e. they are prefixed with 19, being backward compatible).

Severity

12

CKG730I **Date '*date*' is beyond the year 2069**

Explanation

This message is issued when a date beyond the year 2069 has been encountered. Such a late date probably results from a typo.

Severity

04

CKG731I **Question identifier expected**

Explanation

The word, if any, after a QUESTION action (SET, VERIFY, LIST, or DELETE) must be a question identifier Q*nn*, where *nn* is a nonnegative integer below 100.

Severity

12

CKG732I **Password phrase value must be specified for password phrase request.**

Explanation

You specified the USER PWSET PHRASE command for a request. In this case, you must specify a password phrase value between parentheses after the PHRASE option, for example, PHRASE('This is a secret'). The password phrase value is only optional for an action other than REQUEST.

Severity

12

CKG733I **Field *field* not supported on z/OS *v.r* and below - field ignored**

Explanation

The field *field* in the USER profile is not supported on z/OS version *v* release *r* and below. Reading or setting this field using the CKGRACF FIELD command is ignored.

Severity

04

CKG734I **Password string longer than 8 bytes**

Explanation

The password entered on a CKGRACF USER PWDEFAULT or CKGRACF USER PWSET command is longer than 8 bytes. RACF only supports passwords with a length smaller or equal to 8 bytes. Choose a shorter password.

Severity

12

CKG735I **CKGRACF does not run under CMS**

Explanation

CKGRACF only runs under z/OS. If this message is shown under z/OS, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKG736I **Invalid multiple-authority requirement *value***

Explanation

The multiple-authority requirement set in the CKRSITE module is set to the unknown value *value*. This indicates an error in installation.

Severity

20

CKG737I **Queued command expiration time (*value*) larger than auditing period (*value*)**

Explanation

The queued-command expiration time and the auditing period set in the CKRSITE module are in conflict. This indicates an error in installation.

Severity

20

CKG738I ***explanation*; RACROUTE REQUEST=STAT returned with SAFRC=*safrc* RACFRC=*racfrc* RSNCODE=*rsncode***

Explanation

The RACROUTE REQUEST=STAT call to determine whether the class set in the CKRSITE module is available, indicates that RACF or the class is not available. *explanation* contains a human-readable explanation of the return codes shown in the message (in hex).

Severity

20

CKG739I RACF >= 1.8 required

Explanation

A RACF version before 1.8 is active. CKGRACF requires RACF version 1.8 or later.

Severity

20

CKG740I CKGRACF must run APF-authorized

Explanation

CKGRACF must run APF-authorized. This can be caused, for example, by not including CKGRACF in the TSO authorized command list (AUTHCMD) in PARMLIB member IKJTSOxx. You can activate changes to this member without an IPL by using the TSO PARMLIB command. For more information on the PARMLIB command, see the *TSO/E System Programming Command Reference*.

Severity

20

CKG741I No ACEE could be found from TCB or ASXB

Explanation

CKGRACF could not find an ACEE for the current user.

Severity

20

CKG742I Neither CKGPRINT nor SYSTERM allocated and no TSO; CKGRACF terminated

Explanation

This message is printed when CKGPRINT and SYSTERM are not allocated. In this case, CKGRACF is unable to generate any output, and will terminate before parsing or executing any commands.

To send the output directly to the TSO terminal, issue the TSO command ALLOC FILE(CKGPRINT) DA(*) before giving the CKGRACF command. You may free CKGPRINT afterwards with FREE FILE(CKGPRINT).

Severity

16

CKG743I No SYSTERM allocated

Explanation

This message is issued when SYSTERM is not allocated. All output will still appear on CKGPRINT.

Severity

00

CKG744I Profile name contains invalid character *character* at position *position*

Explanation

The input string for the profile name is not valid because it contains a character that is not allowed in profile names.

Severity

12

CKG745I Password phrase must be enclosed in single quotes.

Explanation

There must be single quotes around the password phrase value in the PWSET PHRASE option, as in PHRASE('This is a secret'). If a single quotation mark is intended to be part of the password phrase, you must use two single quotation marks together for each single quotation mark, as in PHRASE('This is a ''quoted'' secret').

Severity

12

CKG746I Password phrase has more than *maximum* characters.

Explanation

A password phrase can have at most *maximum* characters.

Severity

12

CKG747I **Password phrase has fewer than *minimum* characters**

Explanation

A password phrase must have at least *minimum* characters.

Severity

12

CKG748I **UNDEF parameter must be '(NODE_NAME.USERID)'**

Explanation

The UNDEF parameter of a USER *userid* RACLINK UNDEF command was followed by something other than (*node.id*). Note that there must be no spaces in UNDEF(*node.id*). There must be a dot (.) between node *node* and user *id*.

Severity

12

CKG749I **CKGRACF command only allowed with NODE()**

Explanation

Within a CKGRACF CMD command, a nested CKGRACF command is allowed only in order to send it to another zSecure node. The NODE(*node*) option of the CKGRACF CMD command is required for this purpose.

Severity

12

CKG750I **Field *field* is not allowed with a class *class* profile at *file* line *number***

Explanation

Since class *class* profiles do not support segments with a field *field*, this field is not allowed to be set with a FIELD command pertaining to a class *class* profile.

Severity

12

CKG750I **Field *field* is not allowed with a class *class* profile in PARM string**

Explanation

Since class *class* profiles do not support segments with a field *field*, this field is not allowed to be set with a FIELD command pertaining to a class *class* profile.

Severity

12

CKG messages from 800 to 899

CKG834I ... CKG836I ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

0

CKG837I **IDENTIFY RC=*n* for CKGSRVIN at *address***

Explanation

This message indicates a failure of the IDENTIFY service to establish the indicated module name at the indicated address.

User response

See the MVS documentation about the IDENTIFY service.

Severity

12

CKG841I **Severe *function* error [*msg*] PC RC=*n* - issuing user abend 841**

Explanation:

While reading from a remote node (SRVIN) or writing to a remote node (SRVOU), the Program Call interface of the server returned an error condition. The *function* can be SRVIN or SRVOU and, optionally, a message type *msg* is included.

User response:
Verify that the server is active, then restart the server and try again.

Severity:
16

CKG842I **SPECPROC returned length out of range R0=*xxxxxxx* - issuing user abend 842**

Explanation

This message indicates that one of the internal interfaces related to the zSecure Server received an unexpected length and issued an abend.

User response

Look for the message on the IBM support site. If no solution is posted, collect SYSPRINT on both the local and remote sides and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG845I ***module* CKNSRVIR queue *file* message *type* from *zsecsys* length *length* because waiting on *zsecsys2* file *file2***

Explanation

This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKG846I ***module* CKNSRVIR return queued *file* message *type* from *zsecsys* length *length***

Explanation:
This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
00

CKG851I **Local CKNSERVE server no longer available (user abend 214 (x'0D6'))**

Explanation

A program call to the zSecure Server program was attempted while it was performing a termination sequence.

User response

No action is required. If you need assistance about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKG874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKG875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n* *ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKG messages from 900 to 999

CKG904I **Unconditional access is required to read from file *file vol dsn(member)***

Explanation

A data set to which only conditional (PADS) access was granted was requested for SYSIN input. Unconditional read access is needed to read this type of data. The data set is not processed.

Severity

12

CKG905I **A member name is required to read from file *ddname* data set *dsn***

Explanation

An imbed statement was present referring to a PDS(E) data set, but the member to be read from that data set was not specified. Add the correct member to the imbed statement and resubmit the query.

Severity

12

CKG907I **DYNALLOC trace: SVC 99 return code *nn* - *meaning***

Explanation

This message is issued because of a failed SVC99 where DAIRFAIL did not return a message text. It has continuation lines detailing the individual text units contents after SVC 99 (DYNALLOC) completion.

Severity

00

CKG915I **UNIX write record *nn* failed RC *nn* [meaning] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKG919I **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKG931I ***proc*: Buffer overrun - dln=*destinationlength* sln=*sourcelength*:: *data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKG934I **Value *value* too large**

Explanation

This message indicates that the input parser received a numerical value that was too large. The maximum value that can be processed by the input parser is 2147483647.

Severity

12

CKG938I **Repeated ATTN, enter C(ont) T(erminate) or A(bend) -**

Explanation

This interactive prompt offers the option to terminate or abend the program after a repeated attention.

CKG939I **Terminated due to repeated attention**

Explanation

Message written if T was selected at the CKR938I prompt.

Severity

16

CKG942I **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

00

CKG944I **UNIX *type* close RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

The *type* can be 'wronly' or 'rdonly'.

Severity

16

CKG945I **UNIX *action* failed RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1OPN or BPX1FCT call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes. The *action* can be 'wronly open', 'fcntl filetag', or 'rdonly open'.

Severity

16

CKG947I **Reading filedesc *off* failed RC *nn* [*meaning*] reason *qqqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1RED (UNIX read) call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string.

Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKG948I **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

CKG949I **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

User response

CKGRACF should run authorized.

Severity

00

CKG950I **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

CKG951I **system abend *code* (*desc*) trying to load module*modulett***

Explanation

This message indicates a failure to load a module and the reason. Abend 806 means the module could not be found. Abend 306 may mean that a controlled environment was present and the module to be loaded was not program controlled.

Severity

08

CKG955I ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKG962 ***message***

Explanation:
This message is issued by the command-execution module. See the equivalent CKR0962 message.

CKG962A **Command terminated by attention**

Explanation

This message is issued by the command-execution module, and indicates a command was terminated by pressing the ATTN key.

Severity

10

CKG962B **Command not supported in background**

Explanation

This message is issued by the command-execution module and indicates a command could not be executed through the TSO service facility. This can be caused, for example, by not including CKGRACF in the TSO authorized command list (AUTHCMD)

in PARMLIB member IKJTSOxx. You can activate changes to this member without an IPL by using the TSO PARMLIB command. For more information on the PARMLIB command, see the *TSO/E System Programming Command Reference*.

Severity

16

CKG962C **Command failed *abend code***

Explanation

This message is issued by the command-execution module, and indicates a command ended abnormally with the indicated *abend code*.

Severity

12

CKG962E **Not running in a TSO/E environment**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because command environment was not TSO/E.

Severity

16

CKG962F **Command failed, return code *code* (decimal)**

Explanation

This message is issued by the command-execution module. It indicates a command was unsuccessful and returned the indicated result *code*. If the message preceding this message is CKG740I, see the explanation of CKG740I. For all other situations, determine the command that was run and check the appropriate manual for possible return codes. For RACF commands, possible return codes are documented in the *RACF Command Language Reference*.

Severity

08

CKG962I **IKJTSOEV module not found**

Explanation

An attempt was made to establish a TSO environment, but the TSO environment initialization routine IKJTSOEV could not be found. Normally IKJTSOEV is in the link list. This will cause return code 20 when encountered as part of an attempt to execute a TSO command, and otherwise 8.

Severity

08

CKG962L **Command could not be found in an authorized library.**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the link list, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

16

CKG962M **Command may have failed, return code *n***

Explanation

This message indicates that a command returned a nonzero return code less than or equal to 4. This message causes a minimum return code of 4. It depends on the command whether this is a partial failure or a warning.

Severity

04

CKG962N **Command not allowed from APF mode - *command***

Explanation

This message is issued by the command-execution module, and indicates that the indicated command is not in the TSO AUTHCMD list and also not in a built-in list of safe commands to be called from an APF authorized program. If the command was requested by yourself, try running it under IKJEFT01 or without APF authorization. If this message is in response to a built-in function, see the IBM Support Community for

possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKG962O **Command has flushed TSO stack - relogon required to close output trap file**

Explanation

This message is issued by the command-execution module. Generally this means that subsequent command output is not written to the CKGPRINT file. It might be lost or shown in line mode after leaving CKGRACF. Depending on the z/OS release, it might be sufficient to leave and reenter ISPF to restore normal behavior. In the worst case, a relogon is required.

Severity

00

CKG962P **CLIST processing through % not supported**

Explanation

This message is issued by the command-execution module. It indicates an attempt to run an CLIST using the % operator. Execution of CLISTs is not supported.

Severity

16

CKG962S **IKJEFTSR fails return code *error* reason code *reason***

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed. The command returned the indicated *error* code and *reason* code.

Severity

16

CKG962T **Command failed, ATTACH rc *rc* (decimal)**

Explanation

This message is issued by the command-execution module, and indicates failure to attach a TSO command.

Severity

16

CKG962U **Unauthorized functions cannot be invoked from an authorized environment**

Explanation

This message should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKG962W **Command not found**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the link list, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

16

CKG962X **Syntax error in the command name**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because the name was not syntactically correct.

Severity

16

CKG963I **Ambiguous name "*value*"**

Explanation

This message indicates an ambiguous abbreviation was entered, i.e. two or more keywords could be indicated by the abbreviated value. Specify the keyword intended in more detail.

Severity

12

CKG968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

08

CKG970I ***program task heap* FREE STORAGE ERROR: *message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG971I **Maximum length for this *field* is *len* at *file* line *n***

Explanation

The input contains a multiple-line string that is too long. Multiple-line strings (print titles or quoted strings) have a maximum size *len* that was exceeded.

Severity

12

CKG972I **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

CKG973I **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKG974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKG975I **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKG976I **Code or enablement for product code *code* is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKG976 **IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKG977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed. The *action* can be "registration" or "status." The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of CKG979I).

Severity

00

CKG978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued in response to DEBUG LICENSE for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

CKG979I **Product code *code* implied by other**

Explanation

This message is issued in response to DEBUG LICENSE for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

Severity

00

CKG981I **Invalid *type* "*value*"**

Explanation

This message indicates that the text *value* is not a valid value in the context *type*.

Severity

12

CKG982I **Internal error: unknown error code at *ddname* line *number***

Explanation

The input parser error routine encountered an invalid error code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKG983I **Expecting *typ1* list separator/ terminator instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list separator or terminator for the current list of the indicated type (this can for instance be a comma, blank, or end-of-line, depending on the context). Instead, it encountered the indicated token type *type* (and text *value*, if available). The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

CKG984I **Invalid *type* list element type *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list element of the specified type, but found a token of a type not supported as a list element in this context. If available, the offending text *value* is also listed in the message. The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

CKG985I **Required list element/parameter "*value*" missing at *ddname* line *number***

Explanation

This message indicates that the input parser detected a missing required parameter or element in the list at the indicated line.

Severity

12

CKG986I **Duplicate parameter *value* at *ddname* line *number***

Explanation

This message indicates that the input parser detected a duplicate occurrence of the parameter or list element *value* at the indicated line.

Severity

12

CKG987I **Syntax error: *type1* expected instead of *type2*at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific token type *type1* in the current context. Instead of this, it found the token type *type2* (at the text *value*, if available) on the indicated input line.

Severity

12

CKG988I **Syntax error: "*c*" expected instead of *type*at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific character "*c*" (presumably a delimiter) in the current context. Instead of this, it found the token type *type* (at the text *value*, if available) on the indicated input line.

Severity

12

CKG989I **Unexpected type ["*value*"] [for *element*] at *ddname* line *number***

CKG989 **Skipping to EOL at unexpected *type* ["*value*"] at *ddname* line *number***

Explanation

This message indicates that the input parser expected one of a number of specific token types, but found a different token type instead. If available, the offending text value and the element for which it is read are also listed in the message. The parser will either continue with the next token, or skip directly to the end of the line.

Severity

12

CKG991I **Unexpected [*type*|nil] pointer in *procedure* - user abend 991**

Explanation

This message documents an unexpected condition in the program. The program terminates with a user abend 991.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

CKG993I **DIAGNOSTIC DUMP SUPPRESSED FOR *program* TASK *taskname type* ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump. This is done to prevent recursive abend conditions involving the print file. The task name is PROGRAM for the main task or for the only task in a program. For a multi-tasking program, *program* might identify one of the subtasks.

CKG994I **Last record truncated by end-of-file *ddname***

Explanation

This message indicates that end-of-file was reached for a RECFM=VBS input file in the middle of a multi-segment record.

Severity

16

CKG995I **LRECL invalid; not overruled because partitioned**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned data sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abends may be caused by the invalid record length.

CKG996I **MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKG997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKG999I **STORAGE SHORTAGE FOR TASK *taskname* HEAP *heapname* IN *program* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. It is followed by a user abend 16. If the heap name is LOWHEAP or SYSSTACK, then the request is for storage below the 16MB line. If the name is MAINHEAP, then the request is for storage anywhere. Increase the region (for a batch job) or SIZE (for a TSO command) and try again.

Severity

16

Chapter 4. CKN messages

This chapter describes messages that are issued by the CKNSERVE program. The CKNSERVE program is the zSecure Server. zSecure Servers (usually one per system) form a network of peer nodes that can remotely fill requests from CKRCARLA, CKX, and CKGRACF.

The following severity level codes are used by the CKNSERVE program:

I
Informational message.

W
Warning message. The task continues, but an error occurred.

E
Error message. The task may end immediately, or may attempt to continue.

S
Severe error message.

A
Action message. Operator action is needed to correct the situation.

The CKN message numbers are grouped according to these categories:

100-399	Normal message, giving status or summary information.
400-499	Debugging messages due to a DEBUG command
500-599	Normal message, giving status or summary information.
600-699	Error condition during execution.
700-799	Error during the parsing of input, before any command is executed.
800-899	Messages issued by architectural subcomponents.
900-999	Messages issued by architectural subcomponents.

The general meaning of the CKNSERVE severity codes and hence of the completion code is as follows:

00
Normal message, giving status or summary information.

04
Warning: a condition occurred which may cause the command to have an unexpected effect.

08
Error condition found during processing.

12
Syntax error in command input, or an invalid format of USR data.

16
Entitlement problem or invalid or unsupported files.

20
Unsupported condition found or installation error.

24
Internal error or other unexpected and unsupported condition in CKNSERVE was detected.

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CKN messages from 0 to 99

CKN000I **Local hostname obtained from gethostname is *HOSTNAME***

Explanation

This message indicates the local hostname that is returned from the gethostname service. This can be of interest if the server is not using the ZSECSYS configuration statement you expect.

Severity

00

CKN001I **BPX1HST gethostname failed *unix error***

Explanation

This message indicates the server failed to obtain the local hostname. The zSecure Server cannot operate without one.

User response

Check the TCP/IP configuration. Ensure there is a global default or allocate a TCPDATA file. If either of these is specified, see the *UNIX System Services Messages and Codes* manual for guidance.

Severity

12

CKN002I **BPX1GAI getaddrinfo for hostname failed *unix error***

Explanation

This message indicates the server failed to obtain the canonical domain name. The zSecure Server cannot operate without one.

User response

Check the TCP/IP configuration. Ensure there is a global default or allocate a TCPDATA file. If either of these is specified, see the *UNIX System Services Messages and Codes* manual for guidance.

Severity

12

CKN003I **Canonical domain name is *DNAMNAME***

Explanation

This message indicates the canonical domain returned by the getaddrinfo service. This can be of interest if the server is not using the ZSECSYS configuration statement you expect. If you do not specify an OPTION OWNSYS in the CKNIN input file, the server selects the first ZSECSYS that matches this name in its IPADDR parameter.

Severity

00

CKN004I **BPX1SOC *system* TCP socket family *ai_family abend***

Explanation

This message indicates a failure to obtain a socket of the indicated family type. The preferred type is 19 (AF_INIT6), but if that is inactive, fallback to family 2 (AF_INET) is expected. The use of any other family number is a software defect. The *system* is either a ZSECSYS name or the word "Server."

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN005I **BPX1SOC *system* TCP socket failed - *unix error* family *ai_family* socktype *ai_socktype***

Explanation

This message indicates a failure to obtain a socket of the indicated family type. The preferred type is 19 (AF_INIT6), but if that is inactive, fallback to family 2 (AF_INET) is expected. The use of any other family number is a software defect. The *system* is either a ZSECSYS name or the word "Server."

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN006I ***system*** **TCP socket family** ***ai_family*** **established stream socket** ***SOCKDESC***

Explanation

This informational message indicates for which system a specific socket descriptor number was established. You can use it to link subsequent error messages involving socket numbers to a specific system. The *system* is either a ZSECSYS name or the word "Server."

Severity

00

CKN007I **BPX1BND bind call of port** ***PORT*** **socket** ***SOCKDESC abend***

Explanation

This message indicates that an abend occurred during a bind call to establish a listener on the indicated port on the indicated socket.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN008I **BPX1BND bind call of port** ***PORT*** **socket** ***SOCKDESC*** **failed** ***unix error***

Explanation

This message indicates that a UNIX error occurred during a bind call to establish a listener on the indicated port on the indicated socket.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN009I **Server socket** ***SOCKDESC*** **bound to port** ***PORT***

Explanation

This message documents which socket number is used to listen to the indicated port number.

Severity

00

CKN010I **BPX1LSN listen on socket** ***SOCKDESC abend***

Explanation

This message indicates that an abend occurred during a listen call on the indicated socket.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN011I **BPX1LSN listen failed on socket** ***SOCKDESC unix error***

Explanation

This message indicates that a UNIX error occurred during a listen call on the indicated socket.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN012I **Server now listening on socket** ***SOCKDESC*** **to port** ***PORT*** **with max queue depth** ***BACKLOG***

Explanation

This message indicates that the server is now listening to the indicated port using the indicated socket number.

Severity

00

CKN013I **BPX1AIO accept on socket** ***SOCKDESC abend***

Explanation

This message indicates that an abend occurred during an asyncio accept call on the indicated socket.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN014I **BPX1AIO accept failed on socket *SOCKDESC unix error***

Explanation

This message indicates that a UNIX error occurred during an asyncio accept call on the indicated socket.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN015I **CKNCOMR unknown WKQRTYPE=*xx* on WKQR *address***

Explanation

This message indicates that the communication task received an unknown request type.

User response

Determine if this is a known problem with a specified fix. If so, apply the fix. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN016I **BPX1AIO connect on socket *SOCKET abend***

Explanation

This message indicates that an abend occurred during an asyncio connect call on the indicated socket.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN017I **BPX1AIO connect failed on socket *SOCKET unix error* port *PORT* of *IPADDRESS***

Explanation

This message indicates that a UNIX error occurred during an asyncio connect call on the indicated socket for the indicated port and IP address.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN018I **BPX1AIO receive on socket *SOCKDESC abend***

Explanation

This message indicates that an abend occurred during an asyncio receive call on the indicated socket.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN019I **BPX1AIO receive failed on socket *SOCKDESC unix error***

Explanation

This message indicates that a UNIX error occurred during an asyncio receive call on the indicated socket.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN020I **BPX1AIO send *number* byte *TYPE* msg on socket *SOCKDESC abend***

Explanation

This message indicates that an abend occurred during an asyncio send call on the indicated socket for the indicated message type.

User response

See z/OS MVS System Codes to determine the cause and actions.

Severity

12

CKN021I **BPX1AIO send *NUMBER* byte *TYPE* msg failed on socket *SOCKDESC* *unix error***

Explanation

This message indicates that a UNIX error occurred during an asyncio send call on the indicated socket for the indicated message type.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

12

CKN022I **Send failed on socket *SOCKDESC* *unix error* , closing socket**

Explanation

This error might be caused by a firewall action blocking the communication link from this server to the peer server. If the peer server is the managing node and this server is the managed node and the connection is successful, this is not necessarily a problem. If it is a problem, you must configure one or more of the firewalls to at least allow the connection to be established in one direction, from managing node to managed node.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

04

CKN023I **Send failed because socket *SOCKDESC* closed**

Explanation

This message indicates the socket was closed before a scheduled send action was ready. This might be caused by a server shutting down, or by a firewall terminating a connection.

User response

If neither the local nor the remote server was shutting down, verify the configuration members for errors relating to the node this socket was connected to, and verify that the connection path is still working,

Severity

08

CKN024I **Receive failed on socket *SOCKDESC unix error***

Explanation

This message indicates that a UNIX error occurred during a send call on the indicated socket. This might be caused by a firewall action in the path and is not a problem if a connection the other way still exists, or if there is no client that needs the connection.

User response

If there is not a problem with a client, ignore the message. If a client needs to be active, see your UNIX system codes book and follow its guidance.

Severity

04

CKN025I **Receive failed because socket *SOCKDESC* closed**

Explanation

This message indicates the socket was closed before a scheduled receive action was ready. This might be caused by a server shutting down, or by a firewall terminating a connection.

User response

If neither the local nor the remote server was shutting down, verify the configuration members for errors relating to the node this socket was connected to, and verify the connection path is still working.

Severity

08

CKN026I **Negative message length field *hexnum* received on socket *SOCKDESC***

Explanation

This message indicates a protocol error. Presumably the server was contacted by a service that uses a different protocol.

User response

Determine who is connected on the indicated socket and verify it has the right port number configured for what it is trying to do.

Severity

08

CKN027I **Unknown message id *TYPE* received on socket *SOCKDESC* starts "*string*"**

Explanation

This message indicates a protocol version error. Presumably the server is contacted by a newer zSecure Server that is not compatible with the version of the current server.

User response

Determine who is connected on this socket and verify it has the right port number configured for what it is trying to do.

Severity

08

CKN028I **Unsupported *TYPE* level *xx* instead of *xx* received on socket *SOCKDESC***

Explanation

This message indicates a protocol version error. Presumably the server is contacted by a newer zSecure Server that is not compatible with the version of the current server.

User response

Ensure that all configured servers are on compatible levels. For example, follow a more gradual upgrade path.

Severity

08

CKN029I **Unexpected *TYPE* length *length found* instead of *length expected* received on socket *SOCKDESC***

Explanation

This message indicates a protocol error. Presumably the server is contacted by a service that uses a different protocol.

User response

Determine who is connected on this socket and verify that it has the right port number configured for what it is trying to do. If it is a zSecure Server, verify that the version is compatible. If the version is documented as compatible, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN030I **CKNRMSG called with invalid message id *type* len *length* for socket *SOCKDESC***

Explanation

This message indicates a software problem.

User response

Save the server CKNPRINT output. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKN031I **BPX1CLO failed close socket *sockdesc unix error***

Explanation

This message documents a problem that occurred during the close of a socket.

User response

See the *UNIX System Services Messages and Codes* manual and follow its guidance.

Severity

04

CKN032I **BPX1FAI freeaddrinfo for domain failed *unix error***

Explanation

This message indicates that a UNIX error occurred during a freeaddrinfo call. Probably there is no impact on the server operation.

User response

Save the CKNPRINT file and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKN033I **BPX1GAI getaddrinfo *ZSECSYS* failed *unix error* for *IPADDR***

Explanation

This message indicates that a UNIX error occurred during a getaddrinfo call for the indicated IP address.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

08

CKN034I **ZSECSYS *ZSECSYS* getaddrinfo resolves *IPADDR* to *NUMIP***

Explanation

This informational message shows which IP address will be used to attempt to connect to the indicated ZSECSYS.

Severity

00

CKN035I **CKNCLNR unknown WKQRTYPE=*xx* on WKQR *address***

Explanation

This message indicates that the communication task received an unknown request type.

User response

Determine if this is a known problem with a specified fix. If so, apply the fix.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN036I **Connect to *zsecsys* failed on socket *SOCKDESC unix error***

Explanation

This message indicates that a connect call to the specified server failed. The server configuration file might not be accurate, a required network link might be down, or the remote server might not be active.

User response

Determine if the remote server is active and restart it if it is not. See your UNIX system codes book for more information on the error.

Severity

12

CKN037I **Attempt to connect from zsecsys=*ZSECSYS* zsecnode=*ZSECNODE* smfid=*name* but not defined in configuration file**

Explanation

This message indicates that the local server was contacted by the specified remote server, but the server is not defined in the server configuration file.

User response

If you want the remote server to connect, update the server configuration. Otherwise, research who mimics a remote server because the connection attempt might constitute an attack.

Severity

08

CKN038I **IPADDR connected to is zsecsys=*ZSECSYS* zsecnode=*ZSECNODE* smfid=*name* but not *SYSNAME*/*ZSYSNODE* as defined in configuration file**

Explanation

This message indicates that the local server is contacting a remote server but the connection returns a different name than the name defined in the local server configuration file.

User response

Verify that this connection is intended to work. If so, change one or both of the configuration files.

Severity

08

CKN040I **Duplicate ZSECNODE NAME(*ZSECNODE*) definition**

Explanation

This message indicates an error in the server configuration file; a ZSECNODE is defined multiple times.

User response

Change or delete one of the node definitions.

Severity

12

CKN041I **Duplicate ZSECSYS NAME(*ZSECSYS*) definition**

Explanation

This message indicates an error in the server configuration file; a ZSECSYS name is defined multiple times. A ZSECSYS name must be unique.

User response

Change or delete one of the system definitions.

Severity

12

CKN042I **NO ZSECNODE NAME(*ZSECSYS*) defined**

Explanation

This message is issued if a ZSECSYS statement refers to an as yet undefined ZSECNODE. You must define a ZSECNODE before you define the ZSECSYS statement that refers to it.

User response

Move or add a ZSECNODE statement, or correct a mistake in the node name.

Severity

12

CKN044I **No valid ZSECSYS defined in parameters**

Explanation

The server configuration file must contain ZSECNODE and ZSECSYS statements. A valid ZSECSYS statement was not found.

User response

Create a valid server configuration file.

Severity

12

CKN045I **Cannot determine value for ZSECSYS for own system.**

Explanation:
The program could not find any applicable specification for the ZSECSYS of the current system. This might be caused by a mismatch between a specified value for OWNSYS and the ZSECSYS statements. In the absence of the OWNSYS

specification, it is most likely caused by an error in the ZSECSYS statements.

User response:
Correct the server configuration file such that either the ZSECSYS can be determined automatically, or that OWNSYS refers to a defined ZSECSYS.

Severity

12

CKN046I **IPADDR for own ZSECSYS differs from domain name**

Explanation

This message indicates the canonical name for the current system does not match the IPADDR on the SECSYS statement for the system on OPTION OWNSYS. This mismatch might cause remote systems to fail to connect to the current system.

User response

Verify the DNS name for the current system name and update the configuration file.

Severity

04

CKN047I **Port number *IPPORT* not possible, must be in range 1..65535**

Explanation

The IP port specification is not valid. The number must be between 1 and 65535.

User response

Correct the IPPORT specification.

Severity

12

CKN048I **Message number to be suppressed must be in range 0...999**

Explanation

An OPTION MSGSUP specification contains a message number that is not valid. The number must be between 0 and 999.

User response

Correct the MSGSUP specification.

Severity

12

CKN050I **Server requires z/OS 1.9 or higher**

Explanation

This message indicates that the zSecure Server is not running on a supported z/OS release. Note that this message is suppressible but running zSecure Server this way is not supported.

User response

Upgrade the z/OS release to a supported release if you need to use the zSecure Server on this system.

Severity

16

CKN051I **Server must run APF authorized**

Explanation

The server needs APF authorization to set up client communication and get RACF information. Note that this message is suppressible but running without APF authorization has very limited functionality as a non-client endpoint server, and is not supported.

User response

Add the load library to the APF list.

Severity

16

CKN052I **Server with servertoken *SERVERTOKEN* seems to be active already**

Explanation

This message indicates that a server is already running and using the indicated server token. That is not supported; only one server can be active per system at any time with a specific server token.

User response

Change the server token if you intend to start a parallel server on the same system. Stop the first server instance if you intend to restart the server.

Severity

16

CKN054I **Unexpected IEANTRT return code *rc***

Explanation

This message lists an unexpected return code from the z/OS name token request service.

User response

Try to restart the server. If the problem persists, see the IEANTRT return code documentation and follow its guidance. If you cannot resolve the problem, check whether this is a known problem with an applicable fix. If so, apply the fix.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN055I **Servertoken *token* is defined for an incompatible version *version* this server uses *version***

Explanation

This message documents that a server token was found with an incompatible version.

User response

Use a different server token or use a different version of the client software.

Severity

16

CKN056I **CKNSERVE first start after IPL with servertoken *token***

Explanation

This message documents that a new name token was added to the system for the indicated server token.

Severity

00

CKN057I **SYSEVENT DONTSWAP failed, return code *rc***

Explanation

This message lists an unexpected return code from the SYSEVENT DONTSWAP call.

User response

Try to restart the server. If the problem persists, see the SYSEVENT return code documentation and follow its guidance.

Severity

16

CKN058I **Using existing LX *heXLX* from servertoken**

Explanation

This informational progress message documents which Linkage Index is being reused by the server.

Severity

00

CKN059I **Obtaining new LX**

Explanation

This informational progress message documents that a Linkage Index is needed by the server.

Severity

00

CKN060I **Obtained new LX *hex lx***

Explanation

This informational progress message documents which new Linkage Index was acquired by the server.

Severity

00

CKN061I **IDENTIFY RC=*decrc* for CKNSVPC at *address***

Explanation

This message lists an unexpected return code from the IDENTIFY call.

User response

Try to restart the server. If the problem persists, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN062I Obtaining new ET

Explanation

This informational progress message documents that an Entry Table is needed by the server.

Severity

00

CKN063I Obtained new ET with token *TOKEN*

Explanation

This informational progress message documents which new Entry Table token was acquired by the server.

Severity

00

CKN064I Address spaces now connected to ET

Explanation

This informational progress message documents that clients can now connect to the server though the Program Call.

Severity

00

CKN065I Unexpected IEANTCR return code *decrc* creating *NAMETOKEN*

Explanation

This message lists an unexpected return code from the z/OS name token create service that occurred while trying to create a persistent server name token.

User response

Try to restart the server. If the problem persists, see the IEANTCR return code documentation and follow its guidance. If you cannot resolve the problem, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN066I Persistent server name token *NAMETOKEN* created successfully

Explanation

This informational progress message documents which persistent name token was created.

Severity

00

CKN067I Unexpected IEANTCR return code *decrc* creating *NAMETOKEN*

Explanation

This message lists an unexpected return code from the z/OS name token create service that occurred while trying to cerate a nonpersistent server name token.

User response

Try to restart the server. If the problem persists, see the IEANTCR return code documentation and follow its guidance. If you cannot resolve the problem, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN068I Non-persistent server name token *NAMETOKEN* created successfully

Explanation

This informational progress message documents which nonpersistent name token was created.

Severity

00

CKN069I **Removing Entry Table**

Explanation

This informational progress message documents that the server is attempting to remove an Entry Table.

Severity

00

CKN070I **Entry Table removed while connections existed**

Explanation

This informational progress message documents that the server removed an Entry Table, but connections are still active. This might, for instance, cause 0D6 abends in clients.

Severity

00

CKN072I **Entry Table removed succesfully**

Explanation

This informational progress message documents that the server removed an Entry Table, and no connections were active.

Severity

00

CKN073I **SYSEVENT OKSWAP failed, return code *decrc***

Explanation

This message lists an unexpected return code from the SYSEVENT OKSWAP call. There might be no impact on the server.

User response

Try to restart the server and see if the error occurs again.

Severity

04

CKN080I **Problem copying to *address1* len *length1* at *address2* writing *address3* len *length2* from *address4* - *abend***

Explanation

This message indicates that the PC call made by the server was passed a buffer address or length that was not valid.

User response

Fix the calling problem or, if the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN081I **Invalid PLIST pointer passed *address* - *abend***

Explanation

This message indicates that the PC call made by the server was passed a parameter list address that was not valid.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKN082I **Invalid BUFLEN pointer passed *address* - *abend***

Explanation

This message indicates that the PC call made by the server was passed a buffer length address that was not valid.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for

possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN083I **Invalid token pointer passed *address* - *abend***

Explanation

This message indicates that the PC call made by the server was passed a token address that was not valid.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN084I **Invalid or expired token passed *address cbid* from *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the server does not know the token passed in a PC call. In rare cases this can occur if a server is restarted while a client is operating. It can also occur by sending a client end request and then sending another request like a remote file close.

User response

If the server was restarted, ignore and restart the client operation. Otherwise, fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN085I **Expired token passed *old client number* now *new client number* from *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the server does not know the token passed in a PC call. In rare cases this can occur if a server is restarted while a client is operating.

User response

If the server was restarted, ignore and restart the client operation. Otherwise, fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN086I **Token passed belongs to job *jobname* ASID *asid* TCB *tcb-address* user *userid*; caller is *jobname* ASID *asid* TCB *tcb-address* user *userid***

Explanation

This message indicates that the server was passed a client number in a PC call that belongs to another client. In rare cases, this can occur if a server is restarted while a client is operating.

User response

If the server was restarted, ignore and restart the client operation. Otherwise, fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN087I **Invalid token passed *address* - *abend* from *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the server does not know the token passed in a PC call. In rare cases this can occur if a server is restarted while a client is operating. It can also occur by sending a client end request and then sending another request like a remote file close.

User response

If the server was restarted, ignore and restart the client operation. Otherwise, fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN088I **No userid found, cannot identify**

Explanation

This message indicates that the server cannot identify the SAF user ID of the unit of work issuing the PC call. Consequently, it denies access.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN089I **Error updating token *address* - *abend***

Explanation

This message indicates the server cannot update the token, presumably because it is not located in key 8 storage.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN090I **Invalid FUNCTION pointer passed *address* - *abend***

Explanation

This message indicates that the PC call made by the server was passed a function pointer that was not valid.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN091I **Unsupported *FUNCTION* level *xx* instead of *yy* received from *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the server does not support the version of the function passed to the PC call. Presumably you are using a new client with an old server in an unsupported combination.

User response

Connect to a newer server or use an older client.

Severity

08

CKN092I **Unexpected *FUNCTION* length *len1* instead of *len2* received from *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the PC call made by the server was passed a message length for the specified function that was not valid.

User response

Fix the calling program, or if the caller is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN093I **ZSECSYS *ZSECSYS* not defined to server; call from *jobname* ASID *asid* user *userid***

Explanation

This message indicates an action was directed to a server name that was not defined in the configuration file for the server.

User response

Specify a different target system in the client, or update the server configuration file with a definition for the desired system and restart the server.

Severity

04

CKN094I **Task *task* IEAVAPE failed RC=*dec***

Explanation

This message indicates a failure to allocate a pause element.

User response

Try to restart the server and redo the client action. If the problem persists, see the IEAVAPE return code documentation and follow its guidance. If you cannot resolve the problem, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKN095I **Task *task* IEAVPSE failed RC=*dec***

Explanation

This message indicates a failure to wait on a pause element.

User response

Try to restart the server and redo the action. If the problem persists, see the IEAVPSE return code documentation and follow its guidance. If you cannot resolve the problem, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKN096I **Task *task* IEAVDPE failed RC=*dec***

Explanation

This message indicates a failure to deallocate a pause element.

User response

Try to restart the server and redo the action. If the problem persists, see the IEAVDPE return code documentation and follow its guidance. If you cannot resolve the problem, determine if this is a known problem with an applicable fix. If so, apply the fix. If not, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKN097I **Task *task* instance TCB *address* unrecognized request *function* from client *client number* job *jobname* ASID *asid* user *userid***

Explanation

This message indicates that the server does not support the request passed to the PC call. Presumably you are using a new client with an old server in an unsupported combination.

User response

Use the server token for a newer server or use an older client.

Severity

08

CKN098I **ZSECNODE *ZSECNODE* not defined to server; call from *jobname* ASID *asid* user *userid***

Explanation

This message indicates an action was directed to a server node that was not defined in the server configuration file.

User response

Specify a different target node in the client, or update the server configuration file with a definition for the desired node and restart the server.

Severity

04

CKN099I **ZSECSYS *ZSECSYS* not part of node *ZSECNODE*, call from *jobname* ASID *asid* user *userid***

Explanation

This message indicates an action was directed to a server name and node combination that is not defined in the server's configuration file. The specified *ZSECSYS* must be a member of the specified *ZSECNODE*.

User response

Specify a different target system or node in the client, or update the server configuration file with a matching definition for the desired system and node and restart the server.

Severity

04

CKN messages from 100 to 199

CKN100I **Unexpected STIMERM SET RC=*nn***

Explanation

This message indicates that the STIMERM service received an unexpected return code.

User response

Refer to the appropriate z/OS MVS manual and follow its guidance.

Severity

16

CKN101I **START command received from *console* user *userid command***

Explanation

This informational message confirms that an operator START command was received with the indicated positional parameters.

Severity

00

CKN102I **STCOM command received from *console* user *userid command***

Explanation

This informational message confirms that an operator START command was received with the indicated keyword parameters.

Severity

00

CKN103I **MODIFY command received from *console* user *userid command***

Explanation

This informational message confirms that the indicated operator MODIFY command was received.

Severity

00

CKN104I **STOP command received from *console* user *userid***

Explanation

This informational message confirms that an operator STOP command was received.

Severity

00

CKN105I **Unexpected QEDIT RC=*nn***

Explanation

This message indicates that the QEDIT service received an unexpected return code.

User response

Refer to the appropriate z/OS MVS manual.

Severity

08

CKN106I **Cleanup and terminating due to *abend***

Explanation

This message indicates the an abend in the main task was intercepted and resource cleanup is taking place. Cleanup can be suppressed with OPTION NOCLEANUP but this might result in a non-reusable address space

User response

Look up the abend in z/OS MVS System Codes to determine the cause and actions.

Severity

16

CKN108I **CKNRCLR unknown WKQRTYPE=*nn* on WKQR *address***

Explanation

This message indicates that the remote client handler task received an unknown request type.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN109I **Task *TASK* ignoring ALLOC after END**

Explanation

This message indicates that a remote server was passed an ALLOC request for a client that is already terminating. In rare cases this can occur if a server is shutting down while a client is operating.

User response

If the server was shutting down, ignore the message and restart the client operation. Otherwise, fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN0110I **Task *TASK* ignoring DOIO after END from socket *SOCKET***

Explanation

This message indicates that a remote server was passed an I/O request for a client that is already terminating. In rare cases this can occur if a server is shutting down while a client is operating.

User response

If the server was shutting down, ignore the message and restart the client operation. Otherwise, fix calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN111I **Task *TASK* ignoring DOIO for non-initialized client *CLNTNO* from socket *SOCKDESC***

Explanation

This message indicates that a remote server was passed an I/O request for a client without having received an ALLOC request. In rare cases this can

occur if a local server is shutting down while a client is operating.

User response

If a server was restarted, ignore the message and restart the client operation. Otherwise, fix calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN112I **ALLO (allocate) received from unconfigured ZSECSYS on socket *SOCKDESC* - ignored**

Explanation

This message indicates that an ALLOC request was received on an unconfirmed connection. This message is accompanied by earlier messages that show the probable cause of the problem.

User response

Change the server configuration file to define the indicated system.

Severity

08

CKN113I **DOIO received from unconfigured ZSECSYS on socket *SOCKDESC* - ignored**

Explanation

This message indicates that an I/O request was received on an unconfirmed connection. This message is accompanied by earlier messages that show the probable cause of the problem.

User response

Change the server configuration file to define the indicated system.

Severity

08

CKN114I **ENDC received from unconfigured ZSECSYS on socket *SOCKDESC* - ignored**

Explanation

This message indicates that an end-client request was received on an unconfirmed connection. This message is accompanied by earlier messages that show the probable cause of the problem.

User response

Change the server configuration file to define the indicated system.

Severity

08

CKN115I **CKNDOIR unknown WKQRTYPE=*xx* on WKQR *address***

Explanation

This message indicates the remote worker task received an unknown request type.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN116I **RACF initialization failed for *USERID* RC=*hexnum* RSN=*hexnum* hex; notifying *ZSECSYS* job *JOBNAME* user *USERID* client *CLNTNO***

Explanation

This message indicates that the remote mapped execution user ID failed to initialize with the indicated SAF return code and reason code.

User response

Look up the indicated SAF return code and reason code for RACROUTE REQUEST=VERIFY in the Security Server RACROUTE documentation.

Severity

08

CKN117I Task restart limit reached, shutting down

Explanation

This message indicates that a server task failed and was restarted more than once, up to the maximum restart limit. The server is shutting down.

User response

Review CKNPRINT and the job log for messages showing the initial error and follow the guidance for those messages.

Severity

16

CKN118I Task CKNCOMT restart initiated

Explanation

The server communication task was found to be inactive and a restart is being attempted.

User response

Review CKNPRINT and the job log for messages showing the initial error and follow the guidance for those messages.

Severity

08

CKN119I Task CKNCLNT restart initiated

Explanation

The local client handler task was found to be inactive and a restart is being attempted.

User response

Review CKNPRINT and the job log for messages showing the initial error and follow the guidance for those messages.

Severity

08

CKN120I Task CKNRCLT restart initiated

Explanation

The remote client handler task was found to be inactive and a restart is being attempted.

User response

Review CKNPRINT and the job log for messages showing the initial error and follow the guidance for those messages.

Severity

08

CKN121I Duplicate request for file *CLNT_DDNM* received from *ZSECSYS* client *CLNTNO* job *JOBNAME* user *USERID*

Explanation

This message indicates that two ALLOC requests were received for the same client file name.

User response

Fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN122I Allocated *serverdd dsname member* to *clientdd* of *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID*

Explanation

This informational message is issued to note the successful allocation of a server side data set for a remote client.

Severity

00

CKN123I Unsupported request for file *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID*

Explanation

This message indicates a protocol error.

User response

Ensure that the server version supports the client version. If it does not, upgrade the downlevel version or use a different server.

Severity

08

CKN124I **I/O request but alloc failed for *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates a protocol error.

User response

Look for one or more messages about a failure and continue there. If no messages are recorded, restart the client and try again. If that does not help, restart the server and try again. If that does not help, fix the protocol error in the client.

Severity

08

CKN125I **I/O request without alloc for *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates a protocol error.

User response

Look for one or more messages about a failure and continue there. If no messages are recorded, restart the client and try again. If that does not help, restart the server and try again. If that does not help, fix the protocol error in the client.

Severity

08

CKN126I **Open *serverdd abend* for *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates an abend occurred while trying to open the indicated DD name on the server on behalf of the client file indicated.

User response

See the MVS system codes for the indicated abend code and follow the guidance.

Severity

08

CKN127I **Open failed for *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates the indicated client file could not be opened on the server.

User response

Look for a message in the server job log about the data set being requested.

Severity

08

CKN128I **Get for unopened file *clientdd* received from *ZSECSYS* client *nn* job *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates a protocol error from a client. The client application tried to obtain a record from a file it had not opened successfully.

User response

Look for open abend or open failure messages and follow the guidance.

Severity

08

CKN129I **Alloc missing ZSECSYS/NODE; call from *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates that the server received an allocation request without a target system or node; this is a client API error.

User response

Fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

04

CKN130I **Node *ZSECNODE* not currently connected; call from *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates an attempt to access a remote server that is currently unavailable.

User response

Try again later or verify why the connection cannot be created and remedy the cause.

Severity

04

CKN131I **System *ZSECSYS* not currently connected; call from *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates an attempt to access a remote server that is currently unavailable.

User response

Try again later or verify why the connection cannot be created and remedy the cause. Alternatively, use a ZSECNODE instead of a ZSECSYS to let the system find an active system on the node.

Severity

04

CKN132I **Message DATA received from *ZSECSYS* on socket *SOCKDESC* for client *nn* that is no longer present**

Explanation

This message indicates a protocol error occurred while using the server.

User response

Check the calling program and ensure that it does not wait excessively long during server interaction.

Severity

04

CKN133I **RACF initialization failed for *USERID abend***

Explanation

An abend occurred during a RACROUTE REQUEST=VERIFY for a local user ID that is the partner (peer) user ID for a remote client.

User response

See the MVS system codes for the indicated abend code and follow the guidance.

Severity

08

CKN134I **Task *TASK* ignores ALLOC after failed initialization**

Explanation

This message indicates a protocol error occurred while using the server.

User response

Fix the calling program. Consider discontinuing the call after a failure. If the caller is IBM software, look for the message ID on the support web site.

Severity

04

CKN135I **Problem copying from *address* *FUNCTION* len *hexlen* - *abend***

Explanation

This message indicates an abend occurred while returning data to the storage of the caller.

User response

See the MVS system codes for the indicated abend code and follow the guidance.

Severity

08

CKN136I **Open/get/close without alloc for *clientdd* from *JOBNAME* ASID *ASID* user *USERID***

Explanation

This message indicates a protocol error in using the server.

User response

Fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN137I **Read *number* records from *ddname dataset***

Explanation

This message indicates how many records were read from this data set on behalf of a remote client.

Severity

00

CKN138I **Communication task status SCKD *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN139I ***TASK* subtask status TSKD *address dump***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN140I **Main task status RACF *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN141I **Main task status ZNOD *address dump***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN142I **Main task status ZSYS *address dump***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN143I **Main task status ZSCS *address dump***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN144I **Main task status DNAM *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN145I **Main task status INFO *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN146I **Client handler task status for CLNT**
address
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN147I **Local file name status for client *nn***
LFIL *address*
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN148I **Remote client handler task status**
for *SYSNAME* RCLN *address*
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN149I **Work queue header WKQH *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN150I **Work queue element WKQR**
address type status
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN151I **Wait element WKQR *address type status***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN152I **Client status RLNK *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN153I **Client handler task status for *ZSECSYS* client *NO* RFIL *address***
dump

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN154I **Notify client *nn* of failing server**

Explanation

This message is sent to a waiting client as a surrogate reply to the request the client was waiting on that could not be completed.

User response

Restart the server or wait until the server is restarted and try again.

Severity

00

CKN155I **Notify client *nn* of stopping server**

Explanation

This message is sent to a waiting client as a surrogate reply to the request the client was waiting on. The request could not be completed because the server received a STOP request from the operator.

User response

Restart the server or wait until the server is restarted and try again.

Severity

00

CKN156I **Server stopping - socket *SOCKDESC* wait cancelled**

Explanation

This message is sent to a waiting client as a surrogate reply to the request the client was waiting on. The request could not be completed because the server received a STOP request from the operator.

User response

Restart the server or wait until the server is restarted and try again.

Severity

00

CKN157I **Server failing - socket *SOCKDESC* wait cancelled**

Explanation

This message is sent to a waiting client as a surrogate reply to the request the client was waiting on that could not be completed.

User response

Restart the server or wait until the server is restarted and try again.

Severity

00

CKN158I ***activity*** **on**
SYSNAME(*name*) SYSPLEX(*name*)
[LPARNAME(*name*)]
[VMUSERID(*name*)]
[HWNAME(*name*)]
CPU-id *CPUid*
Product codes *codes Products*

Explanation

This message shows the system, sysplex, LPAR, VM user ID, and hardware where it is running, and which IBM Security zSecure suite products are installed and not disabled through IFAPRDxx for use in this program. For a description of the product codes, see the License names table in any of the zSecure Admin and Audit user reference manuals. Each line in the "Products" section shows a product ID and the full name of a particular product feature, for example, 5655-N17 IBM Security zSecure Audit for RACF for code AUDITRACF. *activity* can be Runs or UNIX depending on the calling environment used.

Severity

00

CKN159I **Contents of CKRSITE module:**
Class: *setting*

Explanation

This message is issued in response to OPTION DEBUG command. *setting* displays the relevant class name, for example, XFACILIT.

Severity

00

CKN160I **Connection dropped socket**
SOCKDESC **wait cancelled**

Explanation

This message indicates a remote server connection was lost and a paused client was released.

User response

Restore the network connection and try the operation again.

Severity

00

CKN161I **zSecure Server *zsecnode/zsecsys***
token *servertoken* shutdown
complete

Explanation

This message indicates that the main task is ready with shutdown and is terminating.

Severity

00

CKN162I **Unsecured connection rejected on**
socket *sockdesc* from/to *zsecnode/*
zsecsys sysplex.clone.sysname
njenode.smfid rrsfnode

Explanation

An attempt was made to connect to or from a remote server, but the connection was not protected by AT-TLS. The server does not allow unsecured connections. Unsecured connections can be allowed using the OPTION statement.

User response

Set up an AT-TLS protection between the servers with the policy agent. See the *Installation and Deployment Guide* for instructions.

Severity

00

CKN163I **[Unsecured|Secured|Self]**
connection on socket
sockdesc* from/to *zsecnode/
zsecsys sysplex.clone.sysname
njenode.smfid rrsfnode

Explanation

This message indicates that the zSecure Server has successfully established a connection to a peer zSecure Server or to itself.

Severity

00

CKN164I **Client *number* job *jobname* user *userid***

Explanation

This message is written to record the first request of a local client program to the zSecure Server. As long as the client requests pass the same token and are issued from the same *userid* and *jobname* (and the server has not restarted), the client is considered the same client.

Severity

00

CKN165I **zSecure Server *zsecnode/zsecsys* lost last connection to *zsecnode/zsecsys***

Explanation

This message indicates that the last TCP connection to a partner zSecure Server was dropped. The connection remains dropped until a new allocation request is received.

Severity

00

CKN166I **An unexpected return code was received from IEFSSREQ SSI=54, Subsys=*subsys*, R15=*rc*, SSOBRETN=*rsn***

Explanation

An IEFSSREQ request type 54 for subsystem *subsys* ended with return code *rc* for Register 15 and reason code *rsn* for the SSOBRETN field, where:

- *subsys* is the name of the subsystem being queried, either JES2 or JES3.
- *rc* is the value of Register 15 returned from IEFSSREQ.
- *rsn* is the IEFSSREQ reason code obtained from SSOBRETN.

If a subsystem request using IEFSSREQ is issued, the CKN166I message is generated if an error occurs.

If you are running z/OS version 1.8 or later, additional errors related to the JES node processing can occur. Normally, the call to IEFSSREQ returns information about the primary JES2 or JES3 subsystem that obtains the JES2 own node or JES3 home node. If this information is not returned, CKNSERVE cannot determine the name of the local JES node.

User response

This error might be caused by running zSecure on an operating system that is not supported, or by recent maintenance to the operating system that might affect the IEFSSREQ service. For further information about the error, see the documented return code values for IEFSSREQ and SSOBRETN in *z/OS MVS Using the Subsystem Interface SA38-0679*. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKN167I **Error locating JES node, Subsys=*subsys version***

Explanation

The CKN167I message is issued if the JES node cannot be determined from the IEFSSREQ subsystem request, where:

- *subsys* is the name of the JES2 or JES3 primary subsystem.
- *version* is the JES2 or JES3 version (for example, SP 1.8.0)

User response

This error might be caused by recent maintenance to the operating system that might affect the IEFSSREQ service. Ensure that the primary JES2 or JES3 subsystem has initialized and try to restart the zSecure multisystem server. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKN168I ***subsys* node is *node***

Explanation

During multisystem server initialization, this informational message is issued after the JES node is resolved, where:

- *subsys* is the name of the primary subsystem, either JES2 or JES3.
- *node* is the own node name (JES2) or home node name (JES3).

Severity

00

CKN169I **Ignoring request *id* after an end-client request CKNE**

Explanation

This message indicates that a local server was passed the indicated request type for a client that is already terminating. This can occur, for example, if remote-files close requests are sent after and end-client request.

User response

Ignore or fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

04

CKN170I **BPX1CLO failed close listening socket *SOCKDESC UNIX_ERROR***

Explanation

This message indicates that an attempt to close a socket failed.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

04

CKN171I **Close after reading *number* records from *ddname volser dsname***

Explanation

This message documents how many records were read from the indicated data source.

Severity

00

CKN172I **Cannot open *clntddnm* twice; request by *zsecsys* client *number* job *jobname* user *userid***

Explanation

This message indicates that two open requests were received for the same client file name

User response

Fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN173I **Userid mapping not allowed for *client-userid* to *target-userid*, notifying *zsecsys* job *jobname* user *client-userid* client *client-id***

Explanation

The *target-userid* does not have an approved PEER or MANAGED-BY association with *client-userid*, use of the *target-userid* is denied.

User response

Add a CKNUMAP profile to define a user ID mapping or establish a user ID association through RACLINK.

Severity

08

CKN174I **Userid mapping not implemented for *client-userid*, notifying *zsecsys* job *jobname* user *client-userid* client *client-id***

Explanation

The *client-userid* does not have a mapping profile to determine the user ID to be used on the target system. Data access and command execution is denied.

User response

Add a CKNUMAP profile to define a user ID mapping or establish a user ID association through RACLINK.

Severity

08

CKN175I **RACF EXTRACT of [CKNADMIN | CKNUMAP] profile failed *abendcode***

Explanation

The RACF extract function to obtain and verify USERID mapping information failed. If the message contains CKNUMAP, processing continues using the identity mapping. If the message contains CKNADMIN, processing continues without a ZSECNODE user ID.

User response

See the additional security measures in the *Installation and Deployment Guide* for information on the ZSECNODE user ID.

Severity

08

CKN176I **Task *task* ignoring DOIO after lost socket *sockdesc***

Explanation

This message indicates that the server is discarding remote I/O requests because the connection to the remote server was lost.

User response

When the remote server has restarted, run the query again.

Severity

08

CKN177I **Task *task* ignoring ALLO after lost socket *sockdesc***

Explanation

This message indicates the server is discarding remote file allocation requests because the connection to the remote server was lost.

User response

When the remote server has restarted, run the query again.

Severity

08

CKN178I **Remote *type* file *rmtfile dsname* [*member*] for *localfile* of *zsecsys* client *n* job *jobname* user *userid***

Explanation

This informational message documents which remote file name is used to funnel the remote command screen from the indicated client local file name.

Severity

00

CKN179I **CKNDOIA unknown WKQRTYPE=*xx* on WKQR *address***

Explanation

This message indicates that an unexpected condition was found in routine CKNDOIA. The task is terminated with user abend 179.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKN180I **Put for unopened file *localfile* received from *zsecsys* client *n* job *jobname* user *userid***

Explanation

This message indicates a protocol error; a PUT I/O is being received for a file that is not open.

User response

Stop and restart the client program. If the problem persists, restart the local and remote servers. If the problem still persists, fix the client program or, if the

client is IBM software, search for the message on the IBM support web site.

Severity

08

CKN181I **Put for unsupported file *localfile* received from *zsecsys* client *n* job *jobname* user *userid***

Explanation

This message indicates a protocol error; a PUT I/O is being received for a filetype that does not support it.

User response

Fix the client program. If the client is IBM software, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKN182I ***ZSECSYS* client *n* job *jobname* user *userid* passed *m* records to remote program via file *remotefile***

Explanation

This informational message documents how many records were passed from the client to the remote program for the indicated remote file.

Severity

00

CKN183I **Connection lost to server *zsecsys* during I/O on file *ddname*; from *jobname* ASID *xxxx* user *userid***

Explanation

This message notifies the user that the connection to the remote server was lost during I/O operations on the indicated file name.

User response

Wait until the connection to the target zsecsys or zsecnode is reestablished (ask for the remote server to be restarted or let the system select another zsecsys in the target zsecnode), and run the query again.

Severity

08

CKN184I **Failure during *type* access verification *abendcode***

Explanation

An abend occurred while attempting to verify access to the indicated resource type.

The resource type can have a value of CKNADMIN or DIRECT:

CKNADMIN
Refers to the site SAF class profiles CKNADMIN.TONODE.*zsecnode*

DIRECT
Refers to the RRSFDATA profile DIRECT.*rrsfnode*

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

08

CKN185I **Not authorized to access *zsecnode* , insufficient access to RRSFDATA DIRECT.*zsecnode* RC=*retcode* RN=*reascde* job *jobname* user *userid* client *clientid***

Explanation

The indicated *userid* does not have sufficient access to the RRSFDATA DIRECT.*zsecnode* resource. Data sets and commands directed to *zsecnode* are not allowed.

User response

Look up the indicated SAF return code and reason code in the Security Server RACROUTE documentation. Give the user a permit if the user needs permission to route commands to the indicated node.

Severity

08

CKN186I **Failure during CKNADMIN access verification *abendcode*, disallow use**

Explanation

An abend occurred while attempting to verify access to the CKNADMIN resource that controls access to the current node. Access to the system is not allowed.

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

08

CKN187I **Not authorized to access *current-node* from *source-node* RC=*retcde* RSN=*reascde* job *jobname* user *userid* client *clientid***

Explanation

The indicated *userid* does not have sufficient access to the resource CKNADMIN.FROMNODE *zsecnode*, which controls access to the current node. Data sets and commands directed to *current-node* are not allowed.

User response

Look up the indicated SAF return code and reason code in the Security Server RACROUTE documentation. Give the user a permit if the user needs permission to route commands to the indicated node, or add a CKNUNMAP mapping to a user ID that does exist.

Severity

08

CKN188I **RACF Retrieval of RACLINK data failed *abendcode*, disallow use**

Explanation

An abend occurred while attempting to retrieve user ID mapping data. The RACLINK user ID association is not used. Data sets and commands directed to the system are not allowed.

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

08

CKN189I **Connection lost to server *ZSECSYS* during ALLOC of file *CLNTDDNM*, job *jobname* user *userid* client *clientno***

Explanation

This message indicates that during an ALLOC request the connection to the remote (target) server was lost, either through a failing network connection or because the server was shutting down or had other problems.

User response

Retry the action after reestablishing the connection or after restarting the remote server.

Severity

08

CKN190I ***program* ended *abend***

Explanation

This message indicates that a program that was started on behalf of a client has terminated with the indicated abend.

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

04

CKN191I ***program* ended RC *number***

Explanation

This informational message shows that a program started on behalf of a client terminated with the indicated return code.

Severity

00

CKN192I **Excessive wait time *n* minutes for client *clientno* job *jobname* ASID *asid* for msgno *msgno*; attempting release**

Explanation

This message shows that a client was waiting for a reply from a remote server longer than is reasonable.

The client is notified of this CKN192I message. If the message is issued repeatedly for the same client, the current process in the client task is terminated. This might cause follow-on error messages.

User response

Look in CKNPRINT and the job log of the local server and remote server. If any problems are noted, restart the server associated with the problem. If no problems are found, rerun the job. If the problem occurs again, call your next level of support.

Severity

04

CKN193I **Invalid TYPE=*type* specification "*string*" for *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This message indicates a protocol error. Presumably the server was contacted by a client that uses a more recent version of the protocol

User response

Ensure the client and server are on compatible levels. Maybe use a different server token to contact a server supporting the required level.

Severity

08

CKN194I **Too many files at the same time for *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This message indicates an unsupported number of information requests are routed to the same remote program instance.

User response

Try to simplify the query.

Severity

08

CKN195I **Invalid TYPE=CKFREEZE specification "*string*" for *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This message indicates a protocol error. Presumably the server is contacted by a client that uses a more recent version of the protocol.

User response

Ensure the client and server are on compatible levels. Maybe use a different server token to contact a server supporting the required level.

Severity

08

CKN196I **Remote server file name *RMTFILE* not allocated for TYPE=CKFREEZE *spec* or *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This message indicates that an allocation is missing from the server for the indicated CKFREEZE file.

User response

Restart the server. If that does not correct the problem, fix the calling program. If the caller is IBM software, look for the message ID on the support web site.

Severity

08

CKN197I **Remote server file name *RMTFILE* used for TYPE=CKFREEZE *spec* or *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This informational message documents which remote file is used to satisfy the CKFREEZE request from the client.

Severity

00

CKN198I **Stopping server because *program* ended *abend_or_RC***

Explanation

This message indicates that a requisite task terminated either with an abend or a nonzero return code. The server is shutting down.

User response

Look in the job log and CKNPRINT of the local server and remote server. If you note any problems, resolve them and restart the server associated with the problem.

Severity

16

CKN199I **Failure during CKNDSN access verification *abend***

Explanation

An abend occurred during a RACROUTE REQUEST=AUTH authorization check. The access is not allowed.

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

08

CKN messages from 200 to 299

CKN200I **Not authorized to access *dsname*, insufficient access to *profile* RC=*hexrc* RSN=*hexrsn* hex; client *clientno* job *jobname* user *userid***

Explanation

No permission exists for the indicated *profile*. Consequently, access to the *dsname* is not allowed. This message can show either the client user ID or the ZSECNODE user ID. The ZSECNODE user ID is obtained from the APPLDATA of the matching CKNADMIN.FROMNODE profile. If a user ID is specified, it is used to control which data sets can be used by users from this ZSECNODE.

User response

Look up the indicated SAF return code and reason code in the Security Server RACROUTE documentation for RACROUTE REQUEST=AUTH.

Severity

08

CKN201I **Not authorized to use *dstype dsname* from *system* client *clientno* job *jobname* user *userid***

Explanation

This message is passed back to the client to notify the client about the lack of authority to access *dsname* of type *dstype*. This message can be issued if either the client user ID or the ZSECNODE user ID has insufficient access to *dsname*.

User response

If you need more information, look for CKN200I or CKN199I in the remote server CKNPRINT.

Severity

08

CKN202I **Allocate failed *RMTDDNM dsname* [*member*] to *CLNTDDNM* of *ZSECSYS* client *clientno* job *jobname* user *userid***

Explanation

This message is passed back to the client for a failed allocation in the remote server.

User response

If you need more information, look for IKJ* messages preceding this message in the remote server CKNPRINT file and follow the guidance.

Severity

08

CKN203I **OPTION *name* only valid in PARM string**

Explanation

The indicated option can be specified only on the PARM string, not in the CKNIN file.

User response

Move the option to the PARM string and try the operation again.

Severity

12

CKN204I **Answer queue for WKQH *address dump***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN205I **ABEND authorizing *class* ('*resource*'): *abend***

Explanation

The indicated abend was encountered during a RACROUTE REQUEST=AUTH for the indicated resource.

User response

See z/OS MVS System Codes to determine the cause of the abend and possible actions.

Severity

08

CKN206I **[Unsecured|Secured] connection not authorized on socket *SOCKDESC* [from|to] *zsecnode/ zsecsys sysplexclone.sysname njenode.smfid rrsfnode***

Explanation

An attempt was made to connect to or from a remote server, but the connection was not protected by AT-TLS. The server task is not authorized to the unsecured exception resource "CKNADMIN.INSECURE.*secsys*".

User response

Set up an AT-TLS protection between the servers with the policy agent. See the *Installation and Deployment Guide* for information.

Severity

08

CKN207I **Partner cert name invalid on socket *SOCKDESC* [from|to] *zsecnode/ zsecsys sysplexclone.sysname njenode.smfid rrsfnode***

Explanation

The hostname DOMAIN name value in the ALTNAME extension of the peer certificate (certificate hostname) does not match the ZSECSYS name. Because the certificate is used as proof that the partner server is the real ZSECSYS partner node and not a masquerading attacker, this constitutes an identification-and-authentication failure. Neither was there a permit on the exception resource "CKNADMIN.CERTOKAY.*secsys*" which can be used to disable this identification-and-authentication feature.

User response

Generate a certificate for the proper (remote) ZSECSYS name in the proper (local) key ring. See the *Installation and Deployment Guide* for information.

Severity

08

CKN208I **Socket active WKQR *address type status***

Explanation

This message is part of a summary dump written in case of problems.

User response

No user action is required.

Severity

00

CKN209I **CKFCOLL still active, or CKFREEZE *ddname* still in use. Refresh delayed**

Explanation

A refresh of the automatic snapshot file is needed but either CKFCOLL is still busy with the refresh of the previous CKFREEZE data set or the CKFREEZE data set allocated to *ddname* is still in use.

User response

Ignore a single occurrence of this message. If the problem persists, restart the server. If that does not help, look for problems in the CKNPRINT output that might cause the delay in completing the client interaction and solve them.

Severity

08

CKN210I ***ZSECSYS* client *number* job *jobname* user *user* closed file *remotedd***

Explanation

This message indicates that a close request was received for a remote file from a remote CKRCALRA for which the program already has terminated. This is a normal occurrence directly before ending the client.

Severity

00

CKN211I **RETRYINTERVAL *interval* must be 0 or between 1 and 1440 minutes**

Explanation

The supplied RETRYINTERVAL value is not in the valid range. Specify 0 to deactivate automatic retry. Specify a value of at least 1 and at most 1440 minutes to define how soon a failing communication between servers is retried.

User response

Correct the input and retry the operation.

Severity

12

CKN212I **zSecure Server *zsecnode*/*zsecsys* token *servertoken* now listening on port *n***

Explanation

This message indicates that the server is now listening to connections from peer servers. It is issued both as a print message and as a WTO.

Severity

00

CKN213I **zSecure Server *zsecnode*/*zsecsys* token *servertoken* stopping *abend***

Explanation

This message warns that the server is stopping in response to an abend condition. It is issued both as a print message and as a WTO.

Severity

16

CKN214I **Test PC abend request from client *n* job *jobname* ASID *asid* user *userid***

Explanation

User abend 214 will be issued from the PC routine to test the error recovery of the calling program.

User response

No user action is needed.

Severity

00

CKN215I **Excessive idle time *nn* minutes for *zsecsys* client *clientno* job *jobname* user *userid*; simulating end**

Explanation

No interaction was received from a remote client for more than *nn* minutes. An end-client action will be simulated to free up enqueues and resources held in this server. This message is issued only if the remote client has been silent for 10 minutes or more.

User response

No user action is required.

Severity

08

CKN216I **ABEND during READALL access check *abendcode* assume no access**

Explanation

An unexpected situation occurred during the access verification of the execution userid to the CKR.READALL resource in the XFACILITY resource class. The zSecure server informed the CKRCARLA client that the user does not have sufficient access to the CKR.READALL resource.

User response

Review the abend code in the *Security Server RACF Messages and Codes Manual*.

Severity

08

CKN217 **Node userid *node-userid* does not match *cert-userid***

Explanation

The ZSECNODE user ID that was obtained from the matching CKNADMIN.FROMNODE profile does not match the user ID that is associated with the certificate of the node. The connection is refused and communication is stopped.

User response

Verify that the ZSECNODE user ID that is specified in the APPLDATA of the matching CKNADMIN.FROMNODE profile is correct. Verify that the RACF user ID that is associated with the node certificate is correct. For more information on specifying these user IDs, see the section on setup for secure communication using AT-TLS in the *Installation and Deployment Guide*.

Severity

08

CKN218I **BPX1OPT setsockopt TCP_KEEPALIVE failed on socket *sockdesc unix_error***

Explanation

This message indicates that a UNIX error occurred during a setsockopt call to set the TCP KEEPALIVE socket option to the ZSECSYS RETRYINTERVAL. This message is suppressible.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

08

CKN219 **BPX1OPT setsockopt SO_KEEPALIVE active failed on socket *sockdesc unix_error***

Explanation

This message indicates that a UNIX error occurred during a setsockopt call to request the connection to be tested periodically. This message is suppressible.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

08

CKN220 **BPX1OPT setsockopt TCP_NODELAY active failed on socket *sockdesc unix_error***

Explanation

This message indicates that a UNIX error occurred during a setsockopt call to request the connection to not delay messages. This message is suppressible.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

08

CKN221 **BPX1OPT setsockopt SO_REUSEADDR active failed on socket *sockdesc unix_error***

Explanation

This message indicates that a UNIX error occurred during a setsockopt call to request the port to be reusable. This message is suppressible.

User response

See your UNIX system codes book to determine the cause and actions.

Severity

08

CKN222I **RACF ACEE clean up failed for *userid* RC=*retcode* RSN=*reascde* hex for *sysname* job *jobname* user *userid* client *clientno***

Explanation

Removal of the security environment for user *userid* was not successful. The returncode and reasoncode for the RACROUTE REQUEST=VERIFY ENVIR=DELETE are shown in the message, together with the identification of the remote userid for which this security environment was created.

User response

Review the return and reason code for the RACROUTE function in the *Security Server RACF RACROUTE Macro Reference*.

Severity

08

CKN223I **Negotiated TLS cipher *cipher* is not compliant with NIST 800-131A**

Explanation

This message indicates that the negotiated TLS cipher *cipher* is not compliant with NIST Special Publication 800-131A.

User response

See the **Cipher Suite Definitions** topic in **z/OS Cryptographic Services System SSL Programming** for a description of the *cipher*. Specify a list of NIST 800-131A-compliant ciphers in the AT-TLS policy rules using the TTLSCipherParms statement.

Severity

04

CKN224I **Invalid REREAD request on CARLA file received from *ZSECSYS* client *nn* job *JOBNAME* user *USERID***

Explanation

This message indicates a protocol error from a client. The client application tried to reread a file that does not support two-pass mode.

Severity

08

CKN225I **Invalid REREAD request on CKX output file received from *ZSECSYS* client *nn* job *JOBNAME* user *USERID***

Explanation

This message indicates a protocol error from a client. The client application tried to reread a file that does not support two-pass mode.

Severity

08

CKN226I **Invalid REREAD request for unopened file *DDNAME* received from *ZSECSYS* client *nn* job *JOBNAME* user *USERID***

Explanation

This message indicates a protocol error from a client. The client application tried to reread a file that it had not opened successfully.

User response:
Look for open abend or open failure messages and follow the guidance.

Severity

08

CKN227I **System date changed to *date***

Explanation:
This message is issued in the CKNPRINT output file to record the system date. It is most useful when the timestamp option has not been set.

Severity

00

CKN228I **Failure during CKNDSN UPDATE access verification *abend***

Explanation:

An abend occurred during a RACROUTE REQUEST=AUTH authorization check. The access is not allowed.

User response:
See *z/OS MVS System Codes* to determine the cause of the abend and possible actions.

Severity

08

CKN229I **Accept failed on socket *SOCKDESC unix error***

Explanation:
A UNIX error occurred during an accept call on the indicated socket. This might, for example, be caused by the termination of the TCPIP stack.

System action:
The CKNCOMM task is terminated. It is automatically restarted after approximately one minute.

User response:
See *z/OS UNIX System Services Messages and Codes*.

Severity

12

CKN messages from 600 to 899

CKN600 ... CKN699 ***message***

Explanation

Messages in the range CKN600-CKN699 are internal error messages that are not individually documented. If you need information about a message in this range, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKN700 ... CKN799 ***message***

Explanation

Messages in the range CKN700-CKN799 are trace messages that are not individually documented. If you need information about a message in this range, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKN874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKN875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKN893I **Task *task* TCB *addr* ATTACH RC=*n* dec attempting to attach *task ep***

Explanation

This message documents a failure to attach a new task *task ep* from the indicated TCB instance of a task called *task*.

User response

Review the description of the ATTACH return code and take the appropriate action. For example, the return code might indicate a storage shortage.

Severity

16

CKN894I **Task *task* TCB *taskaddr* DETACH of *task ep* instance TCB *subtaskaddr* RC=*nn* dec**

Explanation

This message indicates a failure to cleanly remove the indicated TCB instance of subtask *task ep* by the indicated owning instance TCB *taskaddr* of task *task*. The RC value is a nonzero DETACH return code.

User response

Review the description of the DETACH return code and take the appropriate action.

Severity

04

CKN895I **Task *task* TCB *addr* subtask *task ep* instance TCB *subtaskaddr* failed *abend***

Explanation

This message documents that a DETACH task failed with the indicated abend code. The failure occurred in the daughter task instance TCB *subtaskaddr* of *task ep* of the indicated mother TCB instance of a task called *task*.

User response

Review the meaning of the abend code and take the appropriate action. For example, the return code might indicate a storage shortage or an input or output-file-related failure. If it is a user abend code, there should be a message either in the print file or in a WTO in the job log or system log with the same decimal message number as the user abend code. If the user abend code is 16, then the message number might be different, for example, 999. Look up the message and follow its guidance.

Severity

04

CKN896I **Task *task* TCB *addr* zero ECB wait**

Explanation

This is an internal error message that indicates a problem in the software.

User response

Save the CKNPRINT and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN897I **HMALLOC CALL ERROR: NON-THREADSAFE *task1 heap* from *task2***

Explanation

This is an internal error message that indicates a problem in the software.

User response

Save the SYSPRINT and other relevant files and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN898I ***program* Recursive abend percolated**

Explanation

This WTO message warns that a recursive abend condition occurred. Probably the attempt to provide a summary dump or an attempt to recover failed.

User response

Resolve the initial abend.

CKN messages from 900 to 999

CKN900I **IDENTIFY RC=*rc* for *task taskaddr***

Explanation

The IDENTIFY service returned the indicated *rc* for the indicated *task*.

Severity

00

CKN931I ***proc*: Buffer overrun - dln=*destinationlength* sln=*sourcelength*:: *data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKN941I **DIAGNOSTIC DUMP SUPPRESSED FOR program BECAUSE GLOBAL AREA OR GLBLREG GARBLE AT *xxxxxxxx***

Explanation

This WTO message explains why there is no diagnostic dump. A regular dump will be needed to analyze the problem.

Severity

I

CKN955I ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

08

CKN970I ***program task heap* FREE STORAGE ERROR: *message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the

IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKN972I **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

CKN973I **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKN974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKN975I **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKN976I **Code or enablement for *product* product or feature is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKN976 **IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKN977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG for products that are installed. The *action* can be "registration" or "status." The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of CKN979I).

Severity

00

CKN978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued in response to DEBUG for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

CKN979I **Product code *code* implied by other**

Explanation

This message is issued in response to DEBUG for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

Severity

00

CKN991I **Unexpected [*type*|nil] pointer in *procedure* - user abend 991**

Explanation

This message documents an unexpected condition in the program. The program terminates with a user abend 991.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKN992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

CKN993I **DIAGNOSTIC DUMP SUPPRESSED FOR *program* TASK *taskname type* ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump. This is done to prevent recursive abend conditions involving the print file. The task name is PROGRAM for the main task or for the only task in a program. For a multi-tasking program, *program* might identify one of the subtasks.

CKN998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKN999I **STORAGE SHORTAGE FOR TASK *taskname* HEAP *heapname* IN *program* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. If the heap name is LOWHEAP, then the request is for storage below the 16MB line.

Severity

16

Chapter 5. CKQ messages

The CKQ messages are issued by the CKQEXSMF program running in the zSecure SMF Collector address space. The message identifier uses the format CKQ*nnnX*, where *X* indicates the severity of the message. The CKQEXSMF program uses the following severity level codes:

I
Informational message.

W
Warning message: the task continues, but an error occurred.

E
Error message: the task might either end immediately or attempt to continue.

S
Severe error message.

A
Action message: operator action is needed to correct the situation.

The CKQ messages are identical to the C2P messages, with the exceptions as documented in this chapter. If the message does not occur in the list of messages using the CKQ prefix, check Chapter 10, "C2P messages," on page 597, replacing the CKQ prefix with a C2P prefix. The CKQ messages are identical to the C2P messages as issued by zSecure Alert (program C2POLICE) and zSecure Admin Access Monitor (program C2PACMON) with the exceptions as documented in this chapter.

CKQ messages from 0 to 999

CKQ0100A zSecure SMF Collector not active

Explanation:
The zSecure SMF Collector stopped.

User response:
If CKQ messages preceding this message indicate problems, solve them, then restart.

CKQ0101 ...
CKQ0351

Explanation

These messages are identical to the C2P messages with the same numbers.

CKQ0352E Version mismatch, exit

Explanation:
This error message is returned to the caller of the CKQIO2PC when the version indicator in the C2PC communication area is not correct.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0353E Unknown DDname

Explanation:
This error message is returned to the caller of the CKQIO2PC module in case an attempt is made to open a file that is not one of the supported types. The file type must be represented in characters five to seven of the DDname.

User response:
Ensure that the DDnames reflect supported file types only.

CKQ0356E Invalid function code

Explanation:
This error message is returned to the caller of the C2PIORTN module when an invalid function code is provided via the invocation parameters.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0361I Open of *ddname* for type *newlist-type*

Explanation:
This diagnostic trace message is written because of DEBUG IO.

CKQ0362I Close of *ddname*

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Explanation:
This diagnostic trace message is written because of DEBUG IO.

CKQ0363I Get record for *ddname*

Explanation:
This diagnostic trace message is written because of DEBUG IO.

CKQ0375I *hexdata*

Explanation:
This diagnostic message shows the first 16 bytes of the current SMF or WTO record in hexadecimal format.

**CKQ0376 ...
CKQ0549**

Explanation

These messages are identical to the C2P messages with the same numbers.

CKQ0550E No buffer yet, exit

Explanation:
The CKQIOPC routine was called to retrieve a record before any in-storage buffer was created.

User response:
Restart the CKQRADAR started task. If the operation fails again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0551I Task NT not found

Explanation:
This is the first time that the client started task contacted the CKQEXSMF started task. A named token recording the status of the client was not found. This diagnostic message is only issued when DEBUG IO is active.

CKQ0552E Error return from IEANTCR, RC=*nnnn*

Explanation:
The named token that is used to record the status of the client could not be created. Processing continues without saving the client status.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0553I Buffer switched *ddname* reached end of current

Explanation:
The active buffer for collecting SMF records was switched and the program reading the records reached the end of that buffer. This message is followed by message CKQ0554I. This diagnostic message is only issued when DEBUG IO is active.

CKQ0554I Next buffer *index*

Explanation:
The active buffer for collecting SMF records was switched and the program starts reading records from the indicated buffer. This diagnostic message is only issued when DEBUG IO is active.

CKQ0556E File not open, exit

Explanation:
The CKQIO2PC routine received a request to retrieve a record from a file, but the file was not currently open.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0557E SMF collector not active, exit

Explanation:
The CKQIO2PC routine was called, but the zSecure SMF Collector task was not found in the system. Data transfer is not possible.

User response:
Start the zSecure SMF Collector started task (CKQEXSMF) and retry the operation. If it fails again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKQ0558I First call this task

Explanation:
The current instance of the client program did not invoke the CKQIO2PC routine before. Necessary control blocks are obtained and initialized. This diagnostic message is only issued when DEBUG IO is active.

CKQ0559I Cursor determined by PC: Idx=*xx* Csr=*nnnnnnnn*

Explanation:
This diagnostic message is issued only when DEBUG IO is active. It indicates the starting point for retrieving records, based on the saved status for the client task.

CKQ0560I Default cursor used: Idx=*xx* Csr=*nnnnnnnn*

Explanation:

This diagnostic message is issued only when DEBUG IO is active. It indicates that the CKQIOPC routine could not determine the starting point for retrieving records. The CKQIO2PC routine determined a default location.

CKQ0561I Open buffer *nn*

Explanation:
This diagnostic message is issued only when DEBUG IO is active. It indicates that the CKQIO2PC routine received a request to open a data stream. As a result, the indicated in-storage buffer was accessed.

CKQ0562I *ddname* Processing STOP

Explanation:
The CKQIO2PC routine detected that the zSecure SMF Collector program was stopped on console operator request. The CKQIO2PC routine notifies the client program that no more records are available.

CKQ0563I no record found

Explanation:
This diagnostic message is issued only when DEBUG IO is active. The CKQIOPC routine could not locate a new record to be passed to the client program. Execution continues.

CKQ0564I Locate resume point

Explanation:
The CKQIOPC routine starts to locate the last record that was passed to a previous instance of the client program. The record following this last record is the first record to be passed to the current instance of the client program. This diagnostic message is only issued when DEBUG IO is active.

CKQ0565W Cannot locate resume point

Explanation:
The CKQIOPC routine could not find any record that matches the last record that was passed to a previous instance of the client program. The CKQIOPC routine returns only records that are created after the current timestamp.

CKQ0566I Scan next buffer *nn*

Explanation:
During the process to locate the resume point, the end of the current buffer was reached. The CKQIOPC routine continues the process with the buffer that is identified in the message. This diagnostic message is only issued when DEBUG IO is active.

CKQ0568I Record not there yet. Wait *nn*

Explanation:
The record in the current buffer does not have a valid record identifier. This is probably due to a delay of the task where the event occurred. The record retrieval process waits for the completion of a record move. The number *nn* shows how often a delay for the current record occurred. This message is issued only if DEBUG IO is active.

CKQ0569I Record now present? Retry

Explanation:
This message indicates that a record was added to the current buffer, and that the record retrieval process is restarted. The halting of the record retrieval process was indicated by message CKQ0568I. If the intended record is still not present, the process might wait again. This message is only issued if DEBUG IO is active.

CKQ0570W Record gap in buffer, skip

Explanation:
This message is always issued in a block of messages. The first message is a header message indicating that, after several iterations, the record in the current buffer does not have a valid record identifier. The current record is skipped. If the location of the next record cannot be determined, multiple records might be skipped. Subsequent CKQ0570W messages show the contents of the expected record area. This message is issued only if DEBUG BUFFER is active.

CKQ0570W hex record data

Explanation

This message is always issued in a block of messages. The first message is a header message indicating that the process that reads records from the in-storage data buffers found a missing or invalid record. Subsequent messages show the contents of the storage area where the record was expected. The most likely reason for invalid records is that the user task that created the record did not finish creating the record. This message is only issued if DEBUG BUFFER is active.

This format of the message shows the hexadecimal representation of the data in the storage area where the record was expected.

CKQ0572E Cannot allocate buffer; MEMLIMIT exceeded

Explanation:
The MEMLIMIT for the started task is insufficient for the specified size and number of in-storage buffers. The example MEMLIMIT specified in the started task procedures is 8G. Specifying 32 buffers of 256M matches a MEMLIMIT of 8G, but does not leave any space for other programs, like CKRCARLA, that also require storage that is counted towards MEMLIMIT.

CKQ0703I *address hexdata *chardata**

Explanation

This message shows internal diagnostic data. The value *address* shows only the last four digits of the address.

CKQ0704 ...
CKQ0900

Explanation

These messages are identical to the C2P messages with the same numbers.

Chapter 6. CKR messages

The main program for several products in the zSecure Suite is driven by scripts written in the CARLa Auditing and Reporting Language (CARLa). For this reason, it is often called the "CARLa engine". It processes RACF, SMF, and other types of information. This program is a part of zSecure Admin, zSecure Audit, zSecure Alert, zSecure Visual, zSecure Adapters for SIEM, and zSecure Manager for RACF z/VM.

The program is sometimes referred to as the "CKRCARLA program". In the current release, the actual CKRCARLA program is a stub program that invokes either the CKR4Z196 or CKR8Z12 program to do the actual work. These programs are sometimes referred to as the "31-bit addressing" and "64-bit addressing" CARLa engines.

This chapter describes the messages that the CARLa engine issues on the mainframe. These messages are prefixed with unique message identifiers in the form CKR*nnnn* or CKR*nnn*I, where *nnnn* and *nnn* indicate the unique message value. The message identifier is followed by a severity code.

Note: The return code from the CARLa engine is normally set to the maximum value of the return codes from any messages. If an OPTION NOWARNING is coded, the 04 return code from the program is reset to 00.

The general meaning of the CARLa engine severity codes and completion code are:

00
Normal message, giving status or summary information, or a message indicating a decision taken.

04
Can be a general warning, or an error condition found as a result of VERIFY or REPORT processing. Removal of the error condition can be attempted by means of a command generated by zSecure (if CKRCMD was allocated).

08
Error condition usually found as a result of VERIFY or REPORT processing. No commands can be generated by zSecure to remove the error.

12
Syntax error in the command input.

16
Entitlement problem or invalid or unsupported files connected to zSecure.

20
Unsupported condition found in security database, VTOC or VVDS, or in volume sharing.

24
Internal error or other unexpected and unsupported condition detected in zSecure.

32
RETURN or JUMP key used.

Messages are included in subsections, grouped by the hundred message-numbers.

CKR messages from 0 to 99

CKR0000 *program* terminated due to input errors

Explanation

Previous messages indicate an error in the parameters or command input file. The program does not perform any commands if the command input is not syntactically correct. Correct the errors and submit the job again.

Severity

12

CKR0001 No unsuppressed UNLOAD, SHOW, (SORT)LIST, DISPLAY, (D)SUMMARY, REPORT, VERIFY,

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COPY, REMOVE, MOVE or MERGE specified

Explanation

No commands were given or implied that would result in any output. This message can also be given if all NEWLISTs were suppressed due to a LICENSE parameter condition not being met.

User response:
Specify one of the commands indicated in the message or make sure that the function requested is actually entitled on the system.

Severity

12

CKR0002 **Output file open failed - [(redirected *virtualdd*)] *ddname* [*path* | *dsname volser*]**

Explanation

The OPEN for the indicated file (for example, CKRUNLOU or CKRCMD) failed. If you are running a batch job, refer to the job log for an abend code and reason code (the abend code is probably 013). If no abend and reason code is present, the DDname is probably not allocated. If you are running TSO interactively and no abend code is listed on your terminal, try specifying PROFILE WTPMSG and try it again. The *ddname* field in the CKR0002 message may contain garbage. The meaning of the abend code and reason code can be found in the MVS system messages and codes manuals. The message may indicate two DD names, the actual *ddname* and the dd= parameter referred to in the CARLa (*virtualdd*).

Severity

16

CKR0003 **Open for input failed on file *ddname volser dsn***

Explanation

Check the DD statement for the indicated file and any ALLOC DD=*ddname* command. Correct the error and submit the job again.

Severity

16

CKR0004 **Processing started for [*complex*] *pads ddname volume dsn***

Unloaded by program *program v.l.m date time* job *name* at *date time* on system *name* [Complex name *complex* assigned] Source *type* dataset *i* was *volume datasetname*
databaseformat* template level *level

Explanation

This message indicates the version of the program that created the unloaded security database, as well as the date and time the database was unloaded, and the SMF ID of the system on which the unload was performed. For each unloaded RACF or ACF2 data set contained in the file, the original volume and data seti name are listed. For ACF2 the *type* of data set is indicated as well: **LID**, **RULE** or **INFO**. For RACF the database format is shown on the last line in the format *formattype* **database format** *release*, where *formattype* is **Restructured** or **Non-restructured** and *release*, if present, has the form **RACF release** *FMID* (*v.r.m* for older releases). The template *level*, if present, is the FMID or APAR number that last changed the templates, followed by numerical indicators of release level and APAR level, if this information is available. If the message contains the text **PADS** for *pads*, then this indicates that access allowed to the databases by virtue of conditional access by this program. In this case, the program will restrict its functionality to the user's scope. If the message contains the text **program pathing** for *pads*, then that access to the database was allowed by virtue of conditional access by this program.

Severity

00

CKR0005 ***nnnnnn* profiles read, *yyyy* profiles selected (*pp*%) for *complex***

Explanation

This message is written at the end of the profile input phase. During this phase SELECT, EXCLUDE, LIST and UNLOAD commands are processed and information is stored for the other commands. The total number of profiles in use in the RACF database is listed, as well as the number of profiles selected by the SELECT and EXCLUDE commands. This does not apply to SELECT and EXCLUDE in the scope of a NEWLIST command.

Severity

00

CKR0006 ***nn* profiles truncated on *ddname* [*path* | *volser dsname*]**

Explanation

This message is issued when the profile length is too long for the current record length of the zSecure Admin UNLOAD file. To correct the cause, allocate the UNLOAD file with the following LRECL specification:

```
LRECL=X,RECFM=VBS
```

Due to the insufficient record length of output file *ddname*, profiles were truncated. This may result in erroneous error messages with respect to the truncated profiles if subsequent processing is done on the unloaded file, but this is not necessarily the case. For example, truncated group profiles will cause spurious error messages if you try or imply the VERIFY CONNECT command, but in general it will not cause any other trouble, due to the redundancy in the database. A CKR2138 message might also be issued.

The Variable Blocked Spanned (VBS) record format allows an UNLOAD record to span more physical records.

Severity

08

CKR0007 **File is empty - *ddname volume dsn***

Explanation

The specified TYPE=UNLOAD file was allocated, but contained no records.

Severity

16

CKR0008 **End-of-file before *type* record - *ddname volume dsn***

Explanation

The specified TYPE=UNLOAD file contained some status records, but the indicated record type was not present. The indicated *type* can be ICB for the first RACF database record, CRDB for an origin database record, or FDR for the ACF2 FDR records. Probably the unload failed, or the system catalog points to a previous version of your unloaded data set (see CKR0014 for a possible cause for this problem).

Severity

16

CKR0009 ***siteidentifier activity* on SYSNAME(*name*) SYSPLEX(*name*) [LPARNAME(*name*)] [VMUSERID(*name*)] [HWNAME(*name*)] CPU-id *CPUid* Product codes *codes Products***

Explanation

This message shows a site-specific string, the system, sysplex, LPAR, VM user ID, and hardware where it is running, and which IBM Security zSecure suite products are installed and not disabled through IFAPRDxx for use in this program. For a description of the product codes, see the License names table in the *zSecure CARLa Command Reference*. Each line in the "Products" section shows a product ID and the full name of a particular product feature, for example, 5655-N17 IBM Security zSecure Audit for RACF for code AUDITRACF. *activity* can be Runs or UNIX depending on the calling environment used.

Severity

00

CKR0010 **OPEN *type* abend *hhh-hh* [(*explanation*)] on file *ddname***

Explanation

The OPEN for the indicated file (CKRACF*nn*, or redirected database ddname) failed. If you are running a batch job, refer to the job log for an abend code and reason code (the abend code is probably 013 or 213). If you are running TSO interactively and no abend code is listed on your terminal, try specifying PROFILE WTPMSG and try it again.

Severity

16

CKR0011 **I/O error: *synadaf message***

Explanation

An I/O error occurred on one of the CKRACF*nn* files. Check that the file allocated is indeed a RACF database with RECFM=F and LRECL=1024 for a non-restructured database and LRECL=4096 for a restructured database. On a VM system, it may also occur for a database on an OS formatted minidisk; in this case you can process the database by copying it to a temporary CMS formatted minidisk and process this copy.

Severity

16

CKR0012	**More than 90 RACF data sets parallel not supported - use separate runs**

Explanation

This version of the program does not support processing more than 90 data sets at the same time. Use the ALLOC DB= command to select 90 or less data sets for processing. If your site requires operation on more than 90 data sets, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR0013	**No file *unload-ddname* or *db-ddname* preallocated**

Explanation

No source of RACF profiles was found in implicit allocation mode. Normally the current RACF database would be allocated dynamically, but you are running on a CMS system, or on an MVS system without RACF active. Allocate the database you want to process explicitly to the CKRACF01 file (and if the database is split, to the CKRACF*nn* files) or use an ALLOC TYPE=RACF or ALLOC TYPE=UNLOAD command.

Severity

16

CKR0014	**File does not start with CRCF record - *ddname volume dsn***

Explanation

This message indicates that the CKRUNLIN file, i.e. the security database UNLOAD file, contains invalid information. There are two common reasons:

- the UNLOAD data set was not filled by zSecure
- the UNLOAD data set has incompatible/invalid DCB characteristics.

You can check this by looking at the DCB info using ISPF option 3.2. They should be

```
   Organization  . . . : PS
   Record format . . . : VBS
   Record length . . . : 32768
   Block size  . . . . : 27998
```

If you find a record format U or data set organization PO, then your installation probably has an ACS routine, i.e. an SMS routine to set default data set characteristics, that assumes that any data set with the letters LOAD in the last qualifier is a load module data set. We recommend that you specify the DCB characteristics in the JCL of CKRJCPYR:

```
   //CKRUNLOU DD ....,
   //
DSORG=PS,RECFM=VBS,LRECL=X,BLKSIZE=27998
```

Severity

16

CKR0015	**Open failed of [*complex*] [*version*] primary RACF DB *db* file *ddname* data set *dsname* on *volume***

Explanation:
Refer to CKR0002 and CKR0010 for a discussion.

Severity:
16

CKR0016	**Open failed of [*complex*] [*version*] secondary RACF DB *db* file *ddname* data set *dsname* on *volume***

Explanation:
Refer to CKR0002 and CKR0010 for a discussion.

Severity:
16

CKR0017	**Processing started for [*complex*] DB *db pads ddname volume datasetname***
CKR0017	**File *ddname complex* has *databaseformat release* template level *level***

Explanation

The TYPE=RACF data set open was successful for the file indicated, and input of the database was started. The database format is shown on the second line in the format *formattype* **database format** *release*, where *formattype* is **restructured** or **non-restructured** and *release* if present has the form **RACF release** *FMID* (*v.r.m* for older releases). The template *level*, if present, is the FMID or APAR number that last changed the templates, followed by numerical indicators of release level and APAR level if this information is available. If the message contains the

text **PADS** for *pads*, then this indicates that access to the data set was allowed by virtue of conditional access by this program. In this case, the program will restrict its functionality to the user's scope.

Severity

00

CKR0018 **No extents present for *ddname volume datasetname***

Explanation

The file indicated was opened successfully, but no extents were present (the data set is empty).

Severity

16

CKR0019 **ALLOC PRIMARY/BACKUP/ ACTIVE/INACTIVE/DB invalid if CKRACF01 pre-allocated**

Explanation

An ALLOCATE command for implicit allocation mode was present in the commands as well as a preallocated database. Either remove the ALLOCATE command or remove the CKRACFC01 file.

Severity

16

CKR0020 ***Type* input terminated, LIMIT *lim* reached**

Explanation

The OUT or IN limit you specified on a LIMIT command has been reached, no more profiles or records (*type*) will be read.

Severity

00

CKR0021 **Unsupported BAM format: 1st block on odd nibble, block number *nnnn*, database *num***

Explanation

During input of the Block Availability Map (BAM) an unsupported format was detected (a nibble is four bits and describes the segments of one block in non-RDS format). If no other errors are found and the error is reproducible, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0022 **Unsupported BAM format: odd # blks in other than last BAM block - block number *nnnn* db *num***

Explanation

An unsupported format was detected during input of the Block Availability Map (BAM). If no other errors are found and the error is reproducible, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0023 **OPEN for input with QSAM failed for file *ddname* dataset *dsn* on *vol***

Explanation

While using BDAMQSAM processing (currently this is the default mode), after conclusion of BDAM processing the data set could not be opened again with QSAM processing. Possibly other error messages were issued to indicate what went wrong.

Severity

16

CKR0024 **Index marker not on block boundary: *ddname* block *nnnn* segment offset *off***

Explanation

The RACF database was found to start an index block at an other segment than the first in a block. This format is not supported. If the problem is reproducible, run IRRUT200. If no errors are revealed, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0025 **Index block with invalid length: *ddname* block *nnnn* length *len***

Explanation

The RACF database was found to contain an index block with a length unequal to 1024 for non-RDS and 4096 for RDS. This format is not supported. see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0026 **End of file in 2nd segment of profile: *ddname* block *nnnn* segment offset *off***

Explanation

At the specified position in the RACF database a profile was being read and not complete at the end of the data set. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0027 **Unused segment instead of profile continuation: *ddname* block *nnnn* segment offset *off***

Explanation

At the specified position in the RACF database, a profile was being read and was not complete according to the physical profile length field, but the Block Availability Map indicates that the next segment is not occupied. This *may* happen because of update activity on the database while performing the read. If the problem and the place where it occurs is reproducible, run IRRUT200 to analyze the database. If still no errors are revealed or, if the problem is intermittent and annoying, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0028 **File *ddname* extended *nn* block for profile at blk *nnnn* segment offset *off* needs *yyy* segments extra**

Explanation

At the specified position *nnnn/off* in the RACF database a profile was being read and not complete at the logical end of the data set (i.e. the end according to the BAM blocks). The logical end of the database was automatically extended with *nn* blocks to get a complete profile. This may happen if a large new record was added to the RACF database during the database read.

Severity

20

CKR0029 **Segment type X'*hh*' not supported - *ddname* block *nnnn* segment offset *off***

Explanation

An unknown database segment type was encountered. If the problem is reproducible at the same place, run IRRUT200. If this does not reveal structural errors, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0030 **Unsupported template *addr*. *hexvalue* len *ll* searching *fldname* in entity type *n* ICB at *addr***

Explanation

While using the templates to scan a profile, an unsupported kind of template was encountered. If the error is reproducible, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0031 **Restricted mode active by installation option; user *userid***

Explanation

This message indicates that the product was installed with restricted mode active. The restricted mode setting is specified by the RESTRICT installation option in the CKRSITE module. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*. The output is restricted based on the access the user *userid* has in the connected security databases.

Severity

00

CKR0031 **Restricted mode active because of *pads*; user *userid***

Explanation

This message indicates that one or more of the input files could only be processed because of read access granted to the program. In that case, restricted mode processing is automatically activated. The message contains either the text **PADS** or the text **program pathing** for *pads*. The output is restricted based on the access the user *userid* has in the connected security databases.

Severity

00

CKR0031 **Restricted mode active, user *userid* no READ access to *class* CKR.READALL**

Explanation

Through a profile covering the CKR.READALL resource in the class specified in the CKRSITE module it is possible to define which users can read the full database (READ access) and those that will run in restricted mode (covering profile exists and NONE access). The current user has no READ access. The output is restricted based on the access the user *userid* has in the connected security databases. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Unrestricted mode active, user *userid* READ access to *class* CKR.READALL**

Explanation

Through a profile covering the CKR.READALL resource in the class specified in the CKRSITE module it is possible to define which users can read the full database (READ access) and those that will run in restricted mode (covering profile exists and NONE access). The current user has READ access. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Unrestricted mode active; user *userid***

Explanation

This message indicated that the product defaults to unrestricted mode because it is not installed with the installation option RESTRICT, the input files can be processed without requiring read access granted to the program, and a profile covering the CKR.READALL resource in the class specified in the CKRSITE module is not defined. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Restricted mode by [simulation | remote node | simulation and remote node], although user *userid* has privilege [SPECIAL] [AUDITOR] [ROAUDIT]**

Explanation

This message indicates that either a SIMULATE RESTRICT command was present or there was a remote node that required restricted mode, or both. It overrides the indicated privileges of the executing user ID. The output is restricted based on the access the user *userid* has in the connected security databases. For details on the CKRSITE module and installation

options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Restricted mode by [simulation | remote node | simulation and remote node], although user *userid* READ access to *class profile***

Explanation

This message indicates that either a SIMULATE RESTRICT command was present or there was a remote node that required restricted mode, or both. It overrides the READ permission on the indicated resource for the executing user ID. The output is restricted based on the access the user *userid* has in the connected security databases. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Restricted mode by [simulation | remote node | simulation and remote node] for user *userid*, although no profile *class profile***

Explanation:
This message indicates that either a SIMULATE RESTRICT command was present or there was a remote node that required restricted mode, or both. It takes precedence over any considerations like all-unconditional read permits on all input sources. Because of the absence of the indicated profile and class default RC of 4, these would have been tested otherwise. The output is restricted based on the access the user *userid* has in the connected security databases. For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0031 **Unrestricted mode active; user *userid* has privilege [SPECIAL] [AUDIT] [ROAUDIT]**

Explanation

This query is executed in unrestricted mode because the user running the query has one or more of the system-wide attributes SPECIAL, AUDIT, and ROAUDIT on the current (run) system.

These attributes are tested before a CKR.READALL resource is checked.

For details on the CKRSITE module and installation options, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR0032 **File *ddname* not allocated**

Explanation

The filename requested on a PRINT command was not found allocated. Review your JCL.

Severity

12

CKR0033 **[*complex*] DB *db datasetname* has *number* segments (of 256 byte) in use, *number* segments free (*pp*% used)**
Index uses *pp*%. *Unusedspace*.
Using *readmethod*.
Statistics

Explanation:
This message reports on the contents of a RACF data set. Each segment is 256 byte. Free space can be present at the end of the database (never used), or fragmented through the database. If all space is fragmented, *Unusedspace* will contain the text **Free space completely fragmented**, otherwise it will show **Space beyond** *pp*% **never used**. The data set is read without use of the index; *readmethod* can be **BDAMQSAM**, **Using VSAM OPTCD=DIR, Using VSAM OPTCD=SEQ**, **multi track ECKD EXCP**, or **full-track EXCP**. If either EXCP or VSAM method was used, a third line is shown in the format **Read** *number* **blocks from a total of** *number* in *number* **IOs**. In the case of EXCP, it is followed by **Cache hit was** *pp*%.

Severity:
00

CKR0034 **Action for id *id* requested, but no occurrences were found**

Explanation

The REMOVE or MOVE command for the indicated user or group did not result in any commands being generated, since no permits or notifies to be moved exist. Check for typing errors or for SELECT statements that exclude part of the database.

Severity

00

CKR0035 **at *ddname* record *nnnnn*, originally DB seq *i* RBA *hexnum* for complex *complex***

Explanation

This message gives the location in a TYPE=UNLOAD file where a previous error message occurred.

Severity

00

CKR0036 **at *ddname* block *nnnn* segment offset *i* DB seq *j* RBA *hexnum* for complex *complex***

Explanation

This message gives the location in a TYPE=RACF file where a previous error message occurred.

Severity

00

CKR0037 **Allocation failed for DDNAME *ddname* source=*source* DSN=*dsname* status=ERR**

Explanation

During an attempt to dynamically allocate an active ACF2 (backup) data set, the program found that it could not succeed in doing so, because the requested data set was marked ERR by ACF2. This implies that ACF2 itself could not allocate the data set either, probably because the data set does not exist. The *ddname* indicates the type of data set for which the allocation failed.

Severity

16

CKR0038 **Warning: RACF Range Table for complex *complex* unknown, SUPPRESS ICHRRNG implied**

Explanation

This message indicates that the proper CKFREEZE file for the security complex *complex* was missing or did not contain the range table needed. The program will proceed as if all profiles are in their proper RACF data set.

Severity

00

CKR0039 ***product* used *cc.c* CPU seconds, [*u,uuu* +*uu.uuu* KB [+*uuuu* MB],] and took *ss* wall clock seconds Region requested [by REGIONX] *rr,rrr*[+*rr,rrrr*] KB, granted *g,ggg*+*gg,gggg* KB + *gggg* MB [by *source*] Max used in job step *uu,uuu*+*uu,uuu* KB + *uuuu* MB [Error trap count is *number*]**

Explanation

This message indicates the resource usage as well as the elapsed time for this run. If the run terminated unsuccessfully, the storage part is omitted. For TSO users, the CPU seconds include any work that was done on other ISPF logical screens under TSO while interactively displaying zSecure output screens. Note that high memory is not reported in the first line if you run with the CKR4Z196 (31-bit) CARLa engine.

The second message line lists the region requested by the user, and the region granted to the job step by the installation. If the requested region sizes were specified by the REGIONX keyword of the JCL JOB statement, then a 'by REGIONX' indication and the requested regions sizes below and above the 16MB boundary are also printed. Region sizes can be formatted as *below* + *above* + *high*:

below
: Is the region, in kilobyte units, below the 16 MB boundary.

above
: Is the region, in kilobyte units, above the 16 MB boundary and below the 2GB boundary.

high
: Is the region, in megabyte units, above the 2 GB boundary.

source
: Is the source of the address space memory limit above the 2 GB boundary (MEMLIMIT).

The third message line shows the actual maximum used during the job step. This includes any other tasks running in the job step. That is, for TSO users, it

includes TSO and ISPF storage and anything else that has run on ISPF logical screens since logon.

If any errors were trapped, a fourth line shows: **Error trap count is** *number*.

Severity

00

CKR0040 **RACF indicator set but no discrete profile found for *volser datasetname***

Explanation

This message is issued due to a VERIFY INDICATED command.

To solve this error condition a command sequence consisting of an ADDSD NOSET followed by a DELDSD for the profile is generated.

Severity

04

CKR0041 **Discrete profile found but RACF indicator not set *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0042 **Discrete profile present but no dataset on volume *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0043 **Discrete profile present but volume not mounted *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0044 **PROGRAM dsn/vol obsolete *complex program - volser dsname Reason***

Explanation

This message is issued due to a VERIFY PROGRAM function because the indicated data set does not exist on the indicated volume for any system in the complex. For each system a *Reason* line follows with one of the following detail explanations:

- **Volume is not mounted on system** *syst volser*
- **VTOC is not readable on system** *syst volser*
- **Data set does not exist on volume of** *syst volser dsname*
- **Data set is not partitioned on volume of** *syst volser dsname*

If a CKRCMD file is allocated for the complex, an RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR0045 **Obsolete permit *identity* unknown program *program - volser datasetprofile***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Basic program security mode. A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR0046 ***event* permit *identity* in access list of non-VSAM *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE VOL() command will be generated.

Severity

04

CKR0047 **PROGRAM dsn/vol redundant, covered by dsn w/o vol *complex program - volser dsname***

Explanation

This message is issued by the VERIFY PROGRAM function because the indicated volume-specific PROGRAM profile member is covered by a PROGRAM profile member without volume specification, and is, therefore, redundant. If a CKRCMD file is allocated for the complex, a commented-out RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR0048 ***event* permit *identity* in access list VSAM profil *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE VOL() command will be generated.

Severity

04

CKR0049 **Duplicate range in ICHRRNG complex *complex* key *key***

Explanation

This message indicates that a RACF range table was encountered with the same range present twice. The program will use the first definition and ignore subsequent ones.

Severity

08

CKR0050 ***event* permit *identity* in access list generic DATASET *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT GENERIC DELETE command will be generated.

Severity

04

CKR0051 **Date value "*value*" 2-digit year is ambiguous**

Explanation

This suppressible message indicates that a 2-digit year was encountered. By default, this is not allowed to prevent any year-2000 related confusion. In case this is a problem for backward compatibility, you can suppress the message. In this case the 2-digit years are all interpreted as lying in the 20th century (they are prefixed with 19, being backward compatible). No cut-off dates or windows are used because this would be newlist-type and fieldname-dependent and is not backward compatible.

Severity

12

CKR0052 ***event* permit *identity* in access list model DATASET *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant**

due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE command will be generated.

Severity

04

CKR0053 **Field *field* value "*value*" 2-digit year ambiguous at *ddname* line *number***

Explanation

This suppressible message indicates that a 2-digit year was encountered in a newlist type=RACF. By default, this is not allowed to prevent any year-2000 related confusion. In case this is a problem for backward compatibility, the message can be suppressed. In this case the 2-digit years are all interpreted as lying in the 20th century (they are prefixed with 19, being backward compatible). No cut-off dates or windows are used because this would be newlist-type and fieldname-dependent and is not backward compatible.

Severity

12

CKR0054 ***event* permit *identity* general resource profile *class progname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE command will be generated.

Severity

04

CKR0055 ***event* owner *identity* of non-VSAM DATASET profil *volser datasetname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition, an ALTDSD VOL() OWNER() command will be generated. The new owner will be the HLQ of the profile, unless that is identical to *identity*. In that case it will be the name that is specified on the DEFAULT OWNER= command. The message shows the new owner that is selected.

Severity

04

CKR0056 ***event* owner *identity* of VSAM DATASET profile *volser datasetname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a ALTDSD VOL() OWNER() command will be generated. The new owner will be the HLQ of the profile, unless that is identical to *identity*. In that case it will be the name specified on the DEFAULT OWNER= command. The new owner selected is shown in the message.

Severity

04

CKR0057 ***event* owner *identity* of generic DATASET profile *datasetname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a ALTDSD GENERIC OWNER() command will be generated. The new owner will be the HLQ of the profile, unless that is identical to *identity*. In that case it will be the name specified on the DEFAULT OWNER= command. The new owner selected is shown in the message.

Severity

04

CKR0058 ***event* owner *identity* of model DATASET profile *datasetname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a ALTDSD OWNER() command will be generated. The new owner will be the HLQ of the profile, unless that is identical to *identity*. In that case it will be the name specified on the DEFAULT OWNER= command. The new owner selected is shown in the message.

Severity

04

CKR0059 ***event* owner *identity* general resource profile *progname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a RALTER OWNER() command will be generated with the default owner selected with DEFAULT OWNER=. The new owner selected is shown in the message.

Severity

04

CKR0060 ***event* owner *identity* on user *userid* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command. To solve the error condition an ALTUSER OWNER() command will be generated with the default owner selected with DEFAULT OWNER= as the new owner. The new owner selected is shown in the message.

Severity

04

CKR0061 ***event* owner *identity* on group *group* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command. To solve the error condition an ALTGROUP OWNER() command will be generated with the default owner selected as the new owner. The new owner selected is shown in the message.

Severity

04

CKR0062 ***event* owner *identity* connect *userid* to *group***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command. To solve the error condition a CONNECT OWNER() command will be generated with the connect group as the new owner.

Severity

04

CKR0063 ***event* owner *identity* general resource profile *class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a RALTER OWNER() command will be generated with the default owner selected.

Severity

04

CKR0064 ***event* permit *identity* general resource profile *class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Copy** or **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due

to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE command will be generated.

Severity

04

CKR0065 **Missing userid *userid* on group *group***

Explanation

This message is issued due to a VERIFY CONNECT command. It indicates that the indicated user ID is not found in the USERID repeat group of the indicated GROUP profile, or that there is no such group profile at all. Also, the group is not universal, or the group is universal but the connect has a connect attribute of SPECIAL, OPERATIONS, or AUDITOR, or a connect authority other than USE. Connect information should be present in three places in the RACF databases, and for each of those places a message CKR0065, CKR0066, or CKR0067 is issued if it was missing that specific piece. No support is present to remove this condition.

Severity

08

CKR0066 **Missing group *group* on user *userid***

Explanation

This message is issued due to a VERIFY CONNECT command. It indicates that the indicated group was not found in the CONGRPNM repeat group of the indicated USER profile, or that there is no such user profile at all. Connect information should be present in three places in the RACF databases, and for each of those places a message CKR0065, CKR0066, or CKR0067 is issued if it was missing that specific piece. No support is present to remove this condition.

Severity

08

CKR0067 **Missing connect *userid* to group *group***

Explanation

This message is issued due to a VERIFY CONNECT command. It indicates that the indicated group was not found in the CGGRPNM repeat group of the indicated USER profile, or that there is no such user profile at all. Connect information should be present in three places in the RACF databases, and for each of those places a message CKR0065, CKR0066, or CKR0067 is issued if it was missing that specific piece. No support is present to remove this condition.

Severity

08

CKR0068 ***event* id - *identity* referenced *number* times**

Explanation

This message summarizes the erroneous references found by the VERIFY PERMIT or MOVE/REMOVE/COPY PERMIT/USER/GROUP/NOTIFY commands for each undefined or removed/copied *identity*.

Severity

00

CKR0069 **No system has non-directed ctlg entry for cluster on *volser clustername***

Explanation

This message indicates that a cluster *clustername* with at least one component on volume *volser* was cataloged in such a way that a STEPCAT or JOBCAT DD statement is needed to access it on all systems sharing the volume *volser*. In addition, there is no alias on any of the systems for the first qualifier(s), otherwise message CKR0294 would be issued instead.

Severity

04

CKR0070 **Component name found twice in VTOC - *volser datasetname***

Explanation

Two identical format 1 DSCB keys in the VTOC are not supported. If the error is reproducible (run zSecure Collect again first), the condition may be resolved by letting the VTOC index (if present) decide which one is in use, and modifying the DSCB of the other one to another name (if you want to keep the data) or to a format 0 DSCB. If you modify the DSCB, you will have to rebuild the VTOC index.

Severity

08

CKR0071 **Component name found in VVDS but not in VTOC - *volser datasetname***

Explanation

Incidental cases may be the result of actions performed by the system between reading of the VTOC and the VVDS by zSecure Collect (opening the VVDS takes a considerable amount of time). If this message is reproducible for the same component (run zSecure Collect again first), then a problem exists. Perform the IDCAMS DIAGNOSE function on the VVDS: maybe a DELETE CLUSTER or DELETE VVR command will help.

Severity

08

CKR0072 **Catalog not found on any volume for cluster name *datasetname***

Explanation

This message is issued together with CKR0073 to indicate that the VVDS points to a catalog that was not found in the CKFREEZE file. This message lists the cluster name that was cataloged in the now-unavailable catalog. This need not be a problem if the data set was cataloged in another catalog, available through the regular search sequence.

Severity

04

CKR0073 **Catalog not found on any volume on any system *datasetname***

Explanation

This message is issued to indicate that references were found from the VVDS to the catalog indicated. The cluster names that were cataloged in the now-unavailable catalog are listed by separate CKR0072 and CKR0169 messages.

Severity

08

CKR0074 **Discrete profile for VVDS present (not used by DFP) *volser datasetname***

Explanation

DFP does not consult RACF for operations on the VVDS. Instead, APF authorization is required to open it. Therefore, the VVDS profile gives a *false* picture of the access requirements of the VVDS. For a pure RACF/DFP combination it should be deleted to avoid misleading data. However, you might want to verify that your non-IBM storage management products are properly using DASDVOL class and not using a VVDS data set profile.

Severity

04

CKR0075 **Inaccessible data set (RACF indicated and no profile) *volser datasetname***

Explanation

An indicated data set exists that is not protected by any (discrete or generic) profile. This message is issued by the VERIFY PROTECTALL function. Since the data set is indicated (the DSCBIND bit in the VTOC, that tells RACF that this data set is protected by a discrete profile, is on), we expect a discrete profile. This situation may be acceptable when in your installation user data sets are only accessible to the user himself, and therefore there is no need to register PERMITs or audit requirements. An ADDSD NOSET command is generated to solve this error condition, unless VERIFY INDICATED was also specified: then a message CKR0040 was already issued, with the appropriate command sequence (see CKR0040). Note that adding the profile may not be enough, you might want to enhance the access list, or use a generic profile instead.

Severity

04

CKR0076 **Unprotected data set (not RACF indicated, no generic) *volser datasetname***

Explanation

This message is issued due to a VERIFY PROTECTALL command in NOPROTECTALL or PROTECTALL(WARN) environment. No command is generated.

Severity

08

CKR0077 **Generic profile without matching data sets *datasetname***

Explanation

The generic profile indicated appears not to protect any data sets. This message is issued by the VERIFY NOTEMPTY function and accompanied by a DELDSD GENERIC command for the profile in the CKRCMD. There could be several situations in which this message is issued while the profile still performs a valid function. It could be there to disallow allocation, it might protect data sets that are only temporarily present (maybe during a periodic batch run, or they are created and deleted regularly by TSO users), or the VERIFY NOTEMPTY run did not use a recent CKFREEZE data set as input. To check for temporary file existence, for example, during batch job run, it is recommended that you use SMF reporting and JCL library searches before deciding to delete an empty profile. After verification you can use the editor to delete any undesired commands before executing the CKRCMD results.

Severity

04

CKR0078 **Redundant non-VSAM DATASET profile *volser datasetname***

Explanation

This message is issued due to the REMOVE REDUNDANT command. The command generated is DELDSD VOL().

Severity

04

CKR0079 **Redundant VSAM data set profile *volser datasetname***

Explanation

This message is issued due to the REMOVE REDUNDANT command. The command generated is DELDSD VOL().

Severity

04

CKR0080 **Redundant TAPE data set profile *volser datasetname***

Explanation

This message is issued due to the REMOVE REDUNDANT command. The command generated is DELDSD VOL().

Severity

04

CKR0081 **Redundant MODEL data set profile *datasetname***

Explanation

This message is issued due to the REMOVE REDUNDANT command. The command generated is DELDSD.

Severity

04

CKR0082 **Inaccessible data set (not indicated and no generic) *volser datasetname***

Explanation

This message is issued due to a VERIFY PROTECTALL command in a PROTECTALL(FAIL) environment. No command is generated.

Severity

04

CKR0083 **Redundant generic data set profile *datasetname***

Explanation

This message is issued due to the REMOVE REDUNDANT command. The command generated is DELDSD.

Severity

04

CKR0084 **Component name found in VTOC but not in VVDS - *volser datasetname***

Explanation

Incidental cases can result from actions that are performed by the system between readings of the VTOC and the VVDS by zSecure Collect (opening the VVDS takes a considerable amount of time). First, run IBM zSecure Collect again. If this message is reproduced for the same component, then a problem exists. Perform the IDCAMS DIAGNOSE function on the VVDS.

Severity

08

CKR0085 **Duplicate cluster entry found in 1 catalog on volume *volser* *datasetname***

Explanation

This message indicates that the configuration input file CKFREEZE contains a catalog dump for a catalog on volume *volser* with the same cluster entry *datasetname* appearing twice. This might happen if you concatenate two CKFREEZE files containing dumps of the same catalog.

Severity

08

CKR0086 **Ownership cell not found for cluster cataloged on *volser* *datasetname***

Explanation

This message indicates that the configuration input file CKFREEZE contains a catalog dump from a catalog on volume *volser* with a cluster entry *datasetname* for which the ownership cell was not found. Check whether the record length of the CKFREEZE file is sufficient for your catalog records.

Severity

08

CKR0087 **Number of detail messages is *nnn***

Explanation

This message summarizes the total number of detail messages that will subsequently be issued.

Severity

00

CKR0088 **Id based suppress or limit request(s) - *nnn* detail message(s) suppressed**

Explanation

This message summarizes the number of suppressed messages due to the SUPPRESS ID= and LIMIT ID= commands. Note that these two commands will only limit the number of messages issued, not the work performed by the VERIFY and REMOVE commands (use SELECT QUAL= for this if applicable).

Severity

00

CKR0089 **Cluster not in any connected catalog, component on *volser* *datasetname***

Explanation

The indicated cluster (*datasetname*) was referred to from MVS control blocks or from a VVDS, but the cluster was not part of any catalog connected to the master catalog on any system. Possibly, the volume was shared with a system for which you did not include a CKFREEZE file, or the master catalog for one of your systems was switched without it being synchronized with the old one first. The cluster will not be normally accessible.

Severity

08

CKR0090 ***volser* suppress request - *nnn* detail message(s) suppressed**

Explanation

This message summarizes the result of the SUPPRESS VOL= command per volume.

Severity

00

CKR0091 ***volser* message limit exceeded - *nnn* detail message(s) suppressed**

Explanation

This message summarizes the result of the LIMIT MSG= command per volume.

Severity

08

CKR0092 ***volser* has *nnn* RACF indicated data set(s) without profile in *complex* [*version*]**

Explanation

This message summarizes the result of the VERIFY INDICATED command per volume.

Severity

00

CKR0093 ***volser*** **has** ***nnn*** **discrete profile(s) for non-RACF indicated data sets in** ***complex*** **[***version***]**

Explanation

This message (with CKR0094 and CKR0095) summarizes the result of the VERIFY ONVOLUME command per volume.

Severity

00

CKR0094 ***volser*** **has** ***nnn*** **discrete profile(s) without data set on the volume in** ***complex*** **[***version***]**

Explanation

This message (with CKR0093 and CKR0095) summarizes the result of the VERIFY ONVOLUME command per volume.

Severity

00

CKR0095 ***volser*** **has** ***nnn*** **discrete profile(s) but volume not mounted in** ***complex*** **[***version***]**

Explanation

This message (with CKR0093 and CKR0094) summarizes the result of the VERIFY ONVOLUME command per volume.

Severity

00

CKR0096 ***volser*** **has** ***nnn*** **inaccessible data set(s) (RACF indicated, no profile) in** ***complex*** **[***version***]**

Explanation

This message (with CKR0097 and CKR0098) summarizes the result of the VERIFY PROTECTALL command per volume.

Severity

00

CKR0097 ***volser*** **has** ***nnn*** **inaccessible data set(s) (not indicated, no profile) in** ***complex*** **[***version***]**

Explanation

This message (with CKR0096 and CKR0098) summarizes the result of the VERIFY PROTECTALL command per volume in a PROTECTALL(FAIL) environment.

Severity

00

CKR0098 ***volser*** **has** ***nnn*** **unprotected data set(s) (not indicated, no profile) in** ***complex*** **[***version***]**

Explanation

This message (with CKR0097 and CKR0098) summarizes the result of the VERIFY PROTECTALL command per volume in a NOPROTECTALL or PROTECTALL(WARN) environment.

Severity

00

CKR0099 ***nnn*** **messages suppressed for catalog** ***catalog name***

Explanation

This message summarizes the result of the SUPPRESS CAT= or LIMIT MSG= command.

Severity

00

CKR messages from 100 to 199

CKR0100 **Duplicate request for ID=*name***

Explanation

More than one specific and incompatible request was made for one identity. Remove duplicates and use separate runs for conflicting requests.

Severity

12

CKR0101 **Duplicate REPORT PERMIT/SCOPE=*id***

Explanation

An identity occurred twice in the indicated commands. Remove duplicates.

Severity

12

CKR0102 **The parameters OUTOFGROUP, NONDEFAULT and (NON)REDUNDANT are mutually exclusive**

Explanation

You must use separate runs for each of these REPORT options.

Severity

12

CKR0103 **Field "*fldname*" to be processed not found in any template**

Explanation

The field you requested on the LIST, SORTLIST, DISPLAY, or (D)SUMMARY command was neither a NEWLIST TYPE=RACF built-in field, nor found in the templates for any type of entity. Verify the spelling in the "CARLa Command Language" chapter in the *zSecure CARLa Command Reference*.

Severity

12

CKR0103 **Field "*fldname*" to be processed unknown**

Explanation

The field you requested on the LIST, SORTLIST, DISPLAY, or (D)SUMMARY command is not a built-in field. Verify the spelling in the "CARLa Command Language" chapter in the *zSecure CARLa Command Reference*.

Severity

12

CKR0104 **FIELD must be specified with either SCAN or FIELDVALUE**

Explanation

Both the field to be used as selection criterion and the exact or substring scan value for it must be specified.

Severity

12

CKR0105 **Volume "*volser*" specified more than once**

Explanation

The same volume was mentioned more than once for the same function. Possibly you used the repeat command of the editor and intended to change it to another volume.

Severity

12

CKR0106 **Catalog "*catname*" specified more than once**

Explanation

The same catalog was mentioned more than once for the same function. Possibly you used the repeat command of the editor and intended to change it to another name.

Severity

12

CKR0107 **The parameters PROFILE, MASK/FILTER, MATCH and BESTMATCH are mutually exclusive**

Explanation

On the SELECT or EXCLUDE command only one selection option based on the profile key can be given.

Severity

12

CKR0108 **Left margin cannot exceed right margin at *ddname* line *number***

Explanation

In the MARGINS(*x*,*y*) command, *x* (the left margin) cannot exceed *y* (the right margin). If possible, the *dataset* and line *number* where this occurred are specified.

Severity

12

CKR0109 **BY= must precede PAGEBY=**

Explanation

The PAGEBY value must be the first in the BY list and the BY list must be in front of the PAGEBY option.

Severity

12

CKR0110 **PAGEBY and BY combination implies page per profile**

Explanation

The combination of BY and PAGEBY parameter as specified or implied would result in a new page for each profile. This is probably not what you meant.

Severity

12

CKR0111 **DB=1 must be included because it is the master database before *token* at *ddname* line *number***

Explanation

The master database must always be included in the databases selected because it contains the RACF options to be used.

Severity

12

CKR0112 **DB numbers only supported in range 1..64 before *token* at *ddname* line *number***

Explanation

Selection by sequence number is only supported for sequence number 1 through 64. To use higher sequence numbers, you must preallocate CKRACF*nn* files.

Severity

12

CKR0113 **LIST commands must be followed by at least one parameter or NEWLIST must be a LIKELIST target**

Explanation

The LIST command may not be specified without any operands, since this would result in an empty line for each selected profile or record. The exception to this rule is a LIST command in a NEWLIST that is the target of a LIKELIST; presumably, the NEWLIST will have OUTLIM set to zero.

Severity

12

CKR0114 **Value selection for field *field* not supported at *ddname* line *number***

Explanation

The specified field has internally coded field values. This type is not supported, and can only be used for output.

Severity

12

CKR0115 ***option* only valid behind USER/ PERMIT=**

Explanation

The option indicated is only valid behind COPY, MOVE or REMOVE options USER= or PERMIT=. Possibly you only need to change the order of the parameters.

Severity

12

CKR0116 ***option*** **only valid behind USER/ GROUP=**

Explanation

The option indicated is only valid behind COPY, MOVE or REMOVE options USER= or GROUP=. Possibly you only need to change the order of the parameters.

Severity

12

CKR0117 ***option*** **only valid behind (RE)MOVE TOGROUP=**

Explanation

The option indicated is only valid behind MOVE or REMOVE option TOGROUP=. Possibly you only need to change the order of the parameters.

Severity

12

CKR0118 ***option*** **only valid behind USER/ GROUP/NOTIFY/PERMIT=**

Explanation

The option indicated is only valid behind COPY, MOVE or REMOVE options USER= or GROUP=. Possibly you only need to change the order of the parameters.

Severity

12

CKR0119 ***option*** **only valid behind USER=**

Explanation

The option indicated is only valid behind COPY, MOVE or REMOVE options USER=. Possibly you only need to change the order of the parameters.

Severity

12

CKR0120 ***option*** **not valid with COPY**

Explanation

The option indicated is only valid behind MOVE or REMOVE commands, not behind COPY.

Severity

12

CKR0121 **Print options behind NEWLIST must be specified before the (SORT)LIST**

Explanation

In the scope of a NEWLIST command, the print and selection options must be specified before the LIST, SORTLIST, DISPLAY, or (D)SUMMARY command(s). Change the order of your commands, and run the job again.

Severity

12

CKR0122 **Selection behind NEWLIST must be specified before the (SORT)LIST or (D)SUMMARY**

Explanation

In the scope of a NEWLIST command, the print and selection options must be specified before the LIST, SORTLIST, DISPLAY, or (D)SUMMARY command(s). Change the order of your commands, and run the job again.

Severity

12

CKR0123 **URL for zSecure documentation:** ***link_to_zSecure_documentation***

Explanation

This message is issued at the end of the program run and provides links to the zSecure documentation:

- zSecure Suite (z/OS)
- zSecure Manager for RACF z/VM

Select your organization's current zSecure version.

Severity

00

CKR0124 **Field** ***field*** **value "*value*" invalid at** ***ddname*** **line** ***number*** **Use DDMMMYYY, YYYY-MM-DD, YYYY/DDD, TODAY, DUMPDATE, optionally suffixed "-nn"**

Explanation

A date is expected but the format is not recognized. The program supports an ISO-format date (for example, 01OCT1999), a julian date (for example, 1999/274), and the two keywords TODAY and DUMPDATE. You can add an *-xx* suffix to the keywords to indicate a date that is *xx* days earlier (for example, TODAY-7). In addition, you can specify the value NEVER to indicate no date.

Note: Not all date fields support DUMPDATE. For example, the certificate fields CERTSTRT and CERTEND do not allow it to be specified.

Severity

12

CKR0125 **Message number to be suppressed must be in range 0..1999 - *nnnn***

Explanation:
The validation of message number *nnnn* failed. Type a decimal number without CKR prefix, or a list of such numbers enclosed in parentheses and separated by commas.

Severity:
12

CKR0126 **Invalid date value before *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the date value encountered before the place indicated in the input is incorrect. This can be due to invalid month names, year formats, day numbers, invalid separators, etc. For valid date formats, see the date field parameter descriptions in the *zSecure CARLa Command Reference*.

Severity

12

CKR0127 **The access value ALTER-*x* was not expected before *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as the indicated access value ALTER-O, ALTER-Q, or ALTER-S, but this value is considered not applicable in this context.

Severity

12

CKR0128 **Expecting relational operator or "(" instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as a fieldname and is now expecting the rest of the expression to test a field value. Possibly, you mistyped the keyword just before the indicated string.

Severity

12

CKR0129 **Value list only valid with "=" or "<>" - before *delimiter* "*value*" at *ddname* line *number***

Explanation

This message indicates that you specified a value list with a relational operator including "less than" or "greater than." Use these relational operators only when specifying a single value; do not use them with a value list.

Severity

12

CKR0130 **OPEN failed for *ddname volume dsn***

Explanation

Refer to CKR0002 and CKR0010 for a discussion.

Severity

16

CKR0131 **File empty - *ddname volume dsn***

Explanation

Refer to CKR0002 and CKR0010 for a discussion.

Severity

16

CKR0132 **Reading configuration for system *name* iplvol *volume* from *pads file***

volume dsn* running *OS version activeproducts
created by program *progname* job *jobname* at *dd mmm yyyy hh:mm::ss:cc* (*runtype*)

Explanation

This message indicates when, where and how the CKFREEZE file for an MVS system was created, and on what version of what operating system. In *activeproducts* the following products may be listed: *DFP version* **JES2** *version ESM version* **TSO** *version* **HSM** *version*, where *ESM* may be **RACF**, **ACF2** or **TSS**, and *DFP* may be **DFP** or **DFSMS**; for DFSMS active components may be listed after the version number (for example, DFSMS 2.10.0 hsm rmm). The runtype used may be **APF** or **non-APF**; if it was non-APF some information will not be contained in the CKFREEZE. If the message contains the text **PADS** for *pads*, then this indicates that access to the data set was allowed by virtue of conditional access by this program. In this case, the program will restrict its functionality to the user's scope.

Severity

00

CKR0132 **Reading configuration for system *name* from *pads file volume dsn* created by *progname* job *jobname* at *ddmmmyyyy hh:mm:ss.ffffff***

Explanation

This message indicates when, where and how the CKFREEZE file for a VM system was created. If the message contains the text **PADS** for *pads*, then this indicates that access to the data set was allowed by virtue of conditional access by this program. In this case, the program will restrict its functionality to the user's scope.

Severity

00

CKR0133 **VERIFY PERMIT and COPY/MOVE/REMOVE are mutually exclusive**

Explanation

The VERIFY PERMIT and COPY/MOVE/REMOVE commands cannot both be specified (since both commands use the same method internally).

Severity

12

CKR0134 **Default system viewpoint *name1* not found, using *name2* instead**

Explanation

This message indicates that you specified a DEFAULT SYSTEM=*name1* command. However, the system *name1* is not present in the CKFREEZE files read by the program. Operation will continue with *name2* instead.

Severity

04

CKR0135 **Concatenation of system *sysid* data behind *system* on file *ddname* invalid, use separate CKRCKFnn file for each system**

Explanation

This message indicates that it detected two concatenated CKFREEZE data sets in one input file. This is not supported. Use separate DDnames or multiple ALLOC TYPE=CKFREEZE commands. This message can also be issued when multiple zSecure Collect jobs have written to the same data set.

Severity

16

CKR0136 **Indirect volser on VSAM profile not supported for multiple systems - *datasetname***

Explanation

This message indicates that the database contains a discrete VSAM data set profile with an indirect volser ('******'). The program does not support this with more than one system. The indirect volser would imply that the profile may cover more than one data set at the same time (seen from different systems).

Severity

08

CKR0137 **Field *name* value is not an access or authority - "*value*" at *ddname* line *number***

Explanation

This message indicates that the program expects NONE, READ, EXECUTE, UPDATE, ALTER, USE, CREATE, CONNECT, or JOIN.

Severity

12

CKR0138 **Audit access must be ALTER, CONTROL, UPDATE, READ, or NONE - "*value*" at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

Severity

12

CKR0139 **Audit event must be ALL, SUCCESS, FAILURE, or NONE - "*value*" at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

Severity

12

CKR0140 **Number of profiles referring outside group is *number* for *complex version***

Explanation

This message summarizes the number of profiles listed by a REPORT OUTOFGROUP command.

Severity

00

CKR0141 **Number of non-default profiles found is *number* for *complex version***

Explanation

This message summarizes the number of profiles listed by a REPORT NONDEFAULT command.

Severity

00

CKR0142 **Of the *xxxx* profiles tested *yyyy* are redundant (*pp*%) for *complex version***

Explanation

This message gives the number of profiles considered redundant by a REPORT NONREDUNDANT or REPORT REDUNDANT command. In addition, it compares this to the total number of profiles tested for redundancy.

Severity

00

CKR0143 **Number of profiles and qualifiers in selected scope is *number* for *complex version***

Explanation

This message summarizes the number of profiles and qualifiers listed by a REPORT SCOPE= or REPORT PERMIT= command.

Severity

00

CKR0144 **MOD/NEW only valid with TYPE=CKRCMD/OUTPUT - at *ddname* line *number***

Explanation:
You specified MOD or NEW on an ALLOC statement with a TYPE other than CKRCMD or OUTPUT. This is not supported. Remove the MOD or NEW keyword from the ALLOC statement.

Severity

12

CKR0145 **MOD/NEW mutually exclusive with VOL/UNIT/MEMBER/ FILEDESC/PIPE/GETPROC - at *ddname* line *number***

Explanation:
The ALLOC MOD or NEW parameter cannot be combined with the FILEDESC, GETPROC, MEMBER, PIPE, UNIT, and VOL parameters. Either remove the MOD or NEW keyword or leave out the unsupported parameter.

Severity

12

CKR0146 **FILEDESC mutually exclusive with data set attributes and TYPE<>OUTPUT/CKRCMD - at *ddname* line *number***

Explanation:
You can only specify FILEDESC on an ALLOC TYPE=OUTPUT or TYPE=CKRCMD. Also it is mutually exclusive with data set attributes like DATACLAS, MGMTCLAS, STORCLAS, MB_PRIM, MB_SEC, VOL, and UNIT.

Severity

12

CKR0147 **PATH/GETPROC mutually exclusive with data set attributes - at *ddname* line *number***

Explanation:
If you specify a UNIX pathname, then you cannot specify data set attributes like DATACLAS, MGMTCLAS, STORCLAS, MB_PRIM, MB_SEC, VOL, or UNIT.

Severity

12

CKR0148 ***event* stuser *identity* general resource profile STARTED *profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER command. It means that the undefined *identity* occurs in the STUSER field of the STDATA segment of the indicated STARTED *profile*. To solve the condition an RALT command will be generated to remove this field from the profile.

Severity

04

CKR0149 ***event* stgrp *identity* general resource profile STARTED *profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/GROUP command. It means that the undefined *identity* occurs in the STGROUP field of the STDATA segment of the indicated STARTED *profile*. To solve the condition an RALT command will be generated to remove this field from the profile.

Severity

04

CKR0150 **STARTED profile *profile* revoked user *id* not connected to group *group* - "*user*" is used.**

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the user *id* in the STUSER field in the STDATA segment is not connected to the *group* in the STGROUP field, so that the undefined user ID *user* will be used, and furthermore the user *id* is revoked, so that even after curing the first problem the started task would run with reduced authority and might still experience problems (as indicated by CKR0575). This message indicates an error on the profile level, but no command is generated as it is unclear what the desired solution would be.

Severity

08

CKR0151 **STARTED profile *profile* revoked user *id* not connected to group *group* - "*user*" is used for *procedure volume dataset***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the user *id* in the STUSER field in the STDATA segment is not connected to the *group* in the STGROUP field, so that the undefined user ID *user* will be used, and furthermore the user *id* is revoked, so that even after curing the first problem the started task would run with reduced authority and might still experience problems (as indicated by CKR0575). Note that the first qualifier of *profile* is generic, and either the user *id* or the *group* is specified as =MEMBER and thus evaluates to *procedure*, so that the main problem is not a condition on the profile level; no command is generated.

Severity

08

CKR0152 **No STUSER specified on STARTED profile *profile* - ICHRIN03 is used - and user id *id* as STGROUP - changed to *newgroup***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: it does not contain an STUSER field in the STDATA segment, and the STGROUP field does not contain a valid group ID but username *id* instead. Because of the severe first condition, the profile indicated will be ignored, and the started procedure table ICHRIN03 will be used instead. No attempt is made to cure this condition, because it may be intentional. To cure the second problem, a command is generated: if *newgroup* is **group(=MEMBER)**, then the profile's first qualifier is a valid group ID, and STGROUP field is set to use that member name; otherwise, *newgroup* is **NOGROUP** and the STGROUP field will be removed from the STDATA segment, meaning that the default group (for the user when one is specified later) should be used. After correcting the second condition, a new run should "only" yield CKR0564.

Severity

08

CKR0153 **No STUSER specified on STARTED profile *profile* - ICHRIN03 is used - and undefined STGROUP *id* - changed to *newgroup***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: it does not contain an STUSER field in the STDATA segment, and the STGROUP field does not contain a valid group ID but value *id*. Because of the severe first condition, the profile indicated will be ignored, and the started procedure table ICHRIN03 will be used instead. No attempt is made to cure this condition, because it may be intentional. To cure the second problem, a command is generated: if *newgroup* is **group(=MEMBER)**, then the profile's first qualifier is a valid group ID, and STGROUP field is set to use that member name; otherwise, *newgroup* is **NOGROUP** and the STGROUP field will be removed from the STDATA segment, meaning that the default group (for the user when one is specified later) should be used. After correcting the second condition, a new run should "only" yield CKR0564.

Severity

08

CKR0154 **STARTED profile *profile* contains group id *id* as STUSER and user id *id2* as STGROUP - "*user*" is used - *action* to *newuser newgroup note***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STUSER field in the STDATA segment does not contain a valid user ID, but the groupname *id*, and the STGROUP field does not contain a valid group ID but the username *id2*. As a result of these errors, the user and group specified in the profile will be ignored, and the undefined user ID *user* will be used instead. A command is generated to remove the erroneous specifications. If the profile's first qualifier is a valid user or group, *newuser* or *newgroup* will be set to **=MEMBER** to use the member name, respectively; if not, they will be set to **NOUSER** and **NOGROUP** respectively to indicate the fields are to be deleted. If *newuser* is **user(=MEMBER)** (and thus *newgroup* is **NOGROUP**), the identities are both fixed and the *action* will be **correct**, although you still may have to note "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575); if newuser is **NOUSER** the action will be **change**, there will be no *note*, and after the proposed change the profile would be so obviously unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0155 **STARTED profile *profile* contains group id *id* as STUSER and undefined STGROUP *id2* - "*user*" is used - *action* to *newuser newgroup note***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STUSER field in the STDATA segment does not contain a valid user ID, but the groupname *id*, and the STGROUP field does not contain a valid group ID but the value *id2*. As a result of these errors, the user and group specified in the profile will be ignored, and the undefined user

ID *user* will be used instead. A command is generated to remove the erroneous specifications. If the profile's first qualifier is a valid user or group, *newuser* or *newgroup* will be set to **=MEMBER** to use the member name, respectively; if not, they will be set to **NOUSER** and **NOGROUP** respectively to indicate the fields are to be deleted. If *newuser* is **user(=MEMBER)** (and thus *newgroup* is **NOGROUP**), the identities are both fixed and the *action* will be **correct**, although you still may have to note "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575); if *newuser* is **NOUSER** the action will be **change**, there will be no **note**, and after the proposed change the profile would be so obviously unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0156 **STARTED profile *profile* has undefined STUSER *id* and user id *id2* as STGROUP - "*user*" is used - *action* to *newuser newgroup note***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STUSER field in the STDATA segment does not contain a valid user ID, but the value *id*, and the STGROUP field does not contain a valid group ID but the username *id2*. As a result of these errors, the user and group specified in the profile will be ignored, and the undefined user ID *user* will be used instead. A command is generated to remove the erroneous specifications. If the profile's first qualifier is a valid user or group, *newuser* or *newgroup* will be set to **=MEMBER** to use the member name, respectively; if not, they will be set to **NOUSER** and **NOGROUP** respectively to indicate the fields are to be deleted. If *newuser* is **user(=MEMBER)** (and thus *newgroup* is **NOGROUP**), the identities are both fixed and the *action* will be **correct**, although you still may have to note "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575); if *newuser* is **NOUSER** the action will be **change**, there will be no *note*, and after the proposed change the profile would be so obviously unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0157 **STARTED profile *profile* has undefined STUSER *id* and undefined STGROUP *id2* - "*user*" is used - *action* to *newuser newgroup note***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STUSER field in the STDATA segment does not contain a valid user ID, but the value *id*, and the STGROUP field does not contain a valid group ID but the value *id2*. As a result of these errors, the user and group specified in the profile will be ignored, and the undefined user ID *user* will be used instead. A command is generated to remove the erroneous specifications. If the profile's first qualifier is a valid user or group, *newuser* or *newgroup* will be set to **=MEMBER** to use the member name, respectively; if not, they will be set to **NOUSER** and **NOGROUP** respectively to indicate the fields are to be deleted. If *newuser* is **user(=MEMBER)** (and thus *newgroup* is **NOGROUP**), the identities are both fixed and the *action* will be **correct**, although you still may have to note "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575); if *newuser* is **NOUSER** the *action* will be **change**, there will be no *note*, and after the proposed change the profile would be so obviously unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0158 **STARTED profile *profile* has STGROUP =MEMBER, which is a userid, and revoked STUSER *id2* - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STGROUP field in the STDATA segment contains **=MEMBER** but the indicated *procedure procname* in subsystem *subsystem* with JCL in the indicated *data set dsn* on volume *volume* is not a valid group ID, but a user ID,

so that the undefined user ID *user* will be used, and the user ID specified in the STUSER field is revoked, so that even after curing the first problem the started task would run with reduced authority and might still experience problems (as indicated by CKR0575). Note that the first qualifier of *profile* is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0159 **STARTED profile *profile* has STGROUP =MEMBER, which is undefined, and revoked STUSER *id2* - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It describes two separate problems in the indicated *profile* in the STARTED class: the STGROUP field in the STDATA segment contains **=MEMBER** but the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* is not a valid group ID, but undefined to RACF, so that the undefined user ID *user* will be used, and the user ID specified in the STUSER field is revoked, so that even after curing the first problem the started task would run with reduced authority and might still experience problems (as indicated by CKR0575). Note that the first qualifier of *profile* is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0160 **Unsupported RACF database blksize *nnnnn* (must be 1024 or 4096) on file *ddname dsname***

Explanation

The database to be read had an unsupported blocksize. This may happen if you transmit a database to another system and receive it there without explicitly requesting the proper blocksize; the system will select another blocksize in this case.

Severity

16

CKR0161 **Segment name not in templates - *name* for entity type *xx***

Explanation

A profile in a restructured database was read with a segment name that could not be found in the template for the indicated entity type. The message is followed by the exact source location of the profile to assist in further analysis.

Severity

16

CKR0162 **Entity type not found in BASE segment of *key***

Explanation

The entity type of the base segment of a profile in a restructured database was not found in the expected place in the profile. If the profile can be displayed normally by RACF commands, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0163 **Entity type user assumed - segment *segname* of *key***

Explanation

This message indicates that a non-base segment was encountered for which the entity type could not be determined. The message is issued only if DEBUG SEGMENT has been issued. For RACF 1.9 and up, this can only occur for a DFP segment of a USER or GROUP profile. For most purposes, this does not really matter, since they are treated the same most of the time (i.e. as accessor ids). However, if you request a LIST with CLASS, then the class may erroneously show USER.

Severity

00

CKR0164 **Segment name *segname* not in segment table for entity type *xx***

Explanation

A profile segment in a restructured database was read with a segment name that could not be found in the segment table for the indicated entity type. The message is followed by the exact source location of the profile to assist in further analysis.

Severity

16

CKR0165 **Template not found for entity type *xx***

Explanation

A profile in a restructured RACF database was read with the indicated entity type. The ICB did not contain a template pointer for the indicated entity type. The message is followed by the exact source location of the profile to assist in further analysis.

Severity

16

CKR0166 **Conditional access list refers to unknown class "*class*" in *class key***

Explanation

A general resource profile in a restructured RACF database contained a conditional access list containing a reference to a class not found in the class descriptor table. This message is given only once per "*class*".

Severity

08

CKR0167 **Grouping resource in conditional access list not supported - *class key***

Explanation

A general resource profile in a restructured database contained a conditional access list with a reference to a grouping *class*. The program supports only non-grouping classes in the conditional access list.

Severity

16

CKR0168 **Maximum profile length on *complex* is *nnnnn* bytes for *class key***

Explanation

This informational message details the maximum profile length found in your RACF database on the indicated complex. It can be used to determine how near you are to problems. For non-restructured databases, the maximum length is 64KB.

Severity

00

CKR0169 **Cluster protection undecidable (not in any catalog or VVDS) *clustername***

Explanation

The indicated cluster cannot be represented properly in the reports, because the VVDS or catalog information is missing. This message can sometimes be eliminated or reduced by doing a SUPPRESS VSAM_SHORTCUT.

Severity

08

CKR0170 **Selection in restricted mode is not allowed on restricted field *field* at *ddname* line *number***

Explanation

When the program is running in restricted or PADS mode, selection on the indicated field is not allowed. The program is running in restricted mode either because of a reason shown in a CKR0031 message or because SIMULATE RESTRICT was specified. This condition is considered a syntax error (severity 12). If an ALLOWRESTRICT modifier explicitly indicates that the query must be executed anyway, this message is issued as a warning (severity 4) to remind you that the indicated field is treated as missing. The restrictions that apply to this field can be viewed in the "Restrictions" column of the output from the primary command FIELD after zooming in through BUILTIN and RACF, provided the command is also issued in restricted mode (SIMULATE RESTRICT in SETUP PREAMBLE will ensure this).

Note: If the restriction is to OWNER or CKGOWNR and use of the restricted field is in a SELECT statement, message “CKR2463” on page 504 is issued instead.

Severity

04 or 12

CKR0171 **Class not in descriptor table, default properties assumed - *class***

Explanation

The indicated class (or its 4 character prefix in non-RDS databases) was present in the database, but not in the class descriptor table. Hence, the program cannot know which properties the class has and may use it incorrectly. This may for instance happen if you process a RACF database from a different system, or if classes were deleted from the class descriptor table without first removing all profiles in these classes. The message is followed by an indication which profile was first encountered with the offending class. To find all profiles you can use the SELECT CLASS= command.

Severity

08 (unless changed by the MSGRC parameter of the OPTION statement)

CKR0172 **ICHCNX00 returns qualifier "*qual1*" for internal but "*qual2*" for external format of *dsname***

Explanation

The installation exit returns different qualifiers for the internal and external formats of the data set name, both of which are unequal to the first qualifier of the data set name. The program will choose the external one. The message can be suppressed by the command SUPPRESS MSG=172.

Severity

16 (unless changed by the MSGRC parameter of the OPTION statement)

CKR0173 **ICHCNX00 returns qualifier "*qual1*" for internal but "*qual2*" for external format of *dsname***

Explanation

The installation exit returns different qualifiers for the internal and external formats of the data set name. The program will choose the external one. This message is issued only if the DEBUG QUAL command was issued.

Severity

00

CKR0174 **No support for *n*>1 associations in UCAT alias *alias* in BCS *system volume dsn***

Explanation

This message indicates that an unexpected condition was found in a usercatalog alias entry. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR0175 **Unsupported number of qualifiers in usercat alias *alias* in BCS *system volume dsn***

Explanation

This message indicates that an alias entry in the catalog contained more than 4 qualifiers. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR0176 **Unexpected volume cell *volser* in BCS record cluster *dsname***

Explanation

This message indicates that an unexpected condition was found in an ICF catalog record. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR0177 **VERIFY NONEMPTY not performed on complex *complex* due to missing catalog information**

Explanation

This message indicates that catalog information about VSAM data sets was missing from the CKFREEZE file(s) for the indicated complex, possibly because they were created without APF authorization.

VERIFY NONEMPTY depends on completeness of the information and hence refuses to operate.

Severity

08

CKR0178 **No CKFREEZE file for system *name* in SIMULATE SHARED VOLUME= *volser* command**

Explanation

This message indicates that you used a system name that was not found in the CKFREEZE files. Possibly you mistyped the system name, or forgot to allocate the CKFREEZE file.

Severity

12

CKR0179 **Conflicting share information for volume *volume* on system *system***

Explanation

The SIMULATE commands are inconsistent with respect to the specified system/volume combination.

Severity

12

CKR0180 **No CKFREEZE file for system *name* in SIMULATE (NON)SHARED SYSTEM=*name* command**

Explanation

This message indicates that you used a system name that was not found in the CKFREEZE files. Possibly you mistyped the system name, or forgot to allocate the CKFREEZE file.

Severity

12

CKR0181 **Unknown subparameter - *parm***

Explanation

This message indicates that the program does not recognize the specified parameter, at least not in this place.

Severity

12

CKR0182 **Field *name* flag value must be GLOBAL, GENERAL or SPECIFIC - "*value*" at *ddname* line *number***

Explanation

This message indicates that for field *name* only the values GLOBAL, GENERAL and SPECIFIC can be specified.

Severity

12

CKR0183 **Simulation not supported - *parm***

Explanation

This message indicates that the specified parameter was recognized but is not supported for simulation.

Severity

12

CKR0184 **Conflicting options SHARED and NONSHARED**

Explanation

This message indicates that you tried to define all volumes in all systems as both shared and unshared.

Severity

12

CKR0185 **SIMULATE SHARE VOL=list should include the system names system *system* has to share the volume(s) with**

Explanation

This message indicates, that *if* you specify a system list for a volume, then it should contain a list of systems sharing the volume. You specified only one system, which is not sufficient to define the sharing relationship. If you meant that the volume is shared among *all* your systems, then you must completely omit the SYSTEM parameter.

Severity

12

CKR0186 **Conflicting SHARE/NONSHARE for volume *name* on system *system***

Explanation

This message indicates that you tried to define the volume *name* in system *system* as both shared and unshared on different SIMULATE commands.

Severity

12

CKR0187 **Field *name* value string type not supported - '*value*' at *ddname* line *number***

Explanation

The only valid string types are X for hex, B for bit(mask), and C for character string (which is the same as omitting the type).

Severity

12

CKR0188 **Field *name* value invalid - bit string may only contain 0, 1, or . - "*value*" at *ddname* line *number***

Explanation

This message indicates that the string of type B (bitmask) contains an invalid character. Specify 0 or 1 for an exact match on a bit, and dot "." for a do not care.

Severity

12

CKR0189 **Field *name* flag value must be FORCE or NOFORCE - "*value*" at *ddname* line *number***

Explanation

This message indicates that an improper value was specified for the XRFSOFF flag.

Severity

12

CKR0190 **Field *name* value invalid - maximum bit string length is 32 at *ddname* line *number***

Explanation

This message indicates that you tried to use a bitmask input string with more than 32 binary digits. This is not supported.

Severity

12

CKR0191 **Field *name* flag value must be hex, binary, YES, NO, ON, OFF, or a bit mask "*value*" at *ddname* line *number***

Explanation

This message indicates that a value for a flag field was not recognized.

Severity

12

CKR0192 **PAGELEN=*nn* must be larger than 5, or 0 to suppress page separators**

Explanation

This message indicates that you specified an invalid PAGELENGTH value. The page length includes all page headers and titles. Since these are printed on each page, there is a minimum page length of five (toptitle, title, subtitle, empty line, column header). If you do not want any headers, specify NOPAGE. If you just want one header per NEWLIST/SORTLIST, specify PAGELENGTH=0.

Severity

12

CKR0193 ***activereason* using system *name* iplvol *volume* running *operating system release* with *prod release***

Explanation

This message indicates that the active system settings are used. If *activereason* contains the text **No [F=BASE] configuration file**, this is because no CKFREEZE file was present. If *activereason* shows **Active configuration** this is because of an explicit allocation request. Required information about system control blocks normally taken from the CKFREEZE file, like the RACF Class Descriptor Table (when processing a RACF database) will be taken from the current system. The message also indicates the security

product *prod* (RACF, ACF2, or TSS) and its release level.

Severity

00

CKR0194 **Volume cell missing from connector entry for *dsname* in catalog *catname***

Explanation

This message indicates that an unexpected condition was found in an ICF catalog record. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0195 **SIMULATE RESTRICT not possible on this system**

Explanation

This message indicates that it is not possible to simulate restricted PADS mode for a RACF database that does not have your current user ID defined in it.

Severity

12

CKR0196 **Unload not allowed during PADS access to *ddname volume dsn***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to make an unload file, since this would allow you to see information beyond your scope of authority. Note that even profiles 'in your scope' contain information that is *not* 'in your scope' to see since you are not given access to it by RACF itself.

Severity

12

CKR0196 **Unload not allowed during program pathing access to *ddname volume dsn***

Explanation

This message indicates that the program is operating in restricted or program pathing mode and will not allow you to make an unload file, since this would allow you to see information beyond your scope of authority. Note that even records 'in your scope' contain information that is not 'in your scope' to see since you are not given access to it by ACF2 itself.

Severity

12

CKR0197 **Unload not allowed with PADS access to configuration dataset**

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to make an unload file. While this may not be strictly necessary in the case of PADS access to a CKFREEZE file, the program has only one restricted mode of operation, independently of exactly *which* input file was accessed through PADS mode.

Severity

12

CKR0197 **Unload not allowed with program pathing access to configuration dataset**

Explanation

This message indicates that the program is operating in restricted or program pathing mode and will not allow you to make an unload file. While this may not be strictly necessary in the case of program pathing access to a CKFREEZE file, the program has only one restricted mode of operation, independently of exactly which input file was accessed through program pathing mode.

Severity

12

CKR0198 **Option not allowed in restricted mode - *option***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to use the indicated option or command since it might influence access control decisions.

This message is normally issued with severity 12. If *option* is `DEBUG other than RESTRICT PERFORM DICT CPIC ACTION OUNIT`, the severity of this message will be zero.

Severity

12 or 00

CKR0199 **REPORT [SCOPE|PERMIT]=*idname* not allowed, id is not in your scope on complex *complex version***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to request a scope or permit report for a user or group that is considered to be outside your scope of authority.

Severity

12

CKR messages from 200 to 299

CKR0200 **Duplicate NONVSAM profile volume *volser* dataset *datasetname***

Explanation

Two identical profile keys were found for the same volume. This is an anomaly in the RACF database. Only the first profile will be used in the program, and no support is present to remove the condition.

Severity

20

CKR0201 **Duplicate TAPEDSN profile volume *volser* dataset *datasetname***

Explanation

Two identical profile keys were found for the same volume, and both with DSTYPE=TAPE. This is an anomaly in the RACF database. Only the first profile will be used in the program, and no support is present to remove the condition.

Severity

20

CKR0202 **Duplicate VSAM profile volume *volser* cluster *datasetname***

Explanation

Two identical profile keys were found for the same volume and both with DSTYPE=VSAM. This is an anomaly in the RACF database. Only the first profile will be used in the program, and no support is present to remove the condition.

Severity

20

CKR0203 **Duplicate MODEL profile *datasetname***

Explanation

Two identical profile keys were found, both for a model data set. This is an anomaly in the RACF database. Only the first profile will be used in the program, and no support is present to remove the condition.

Severity

20

CKR0204 **Duplicate generic dataset profile base *datasetname***

Explanation

Two identical profile keys were found, both for a generic data set profile. This is an anomaly in the RACF database. Only the first profile will be used, and no support is present to remove the condition.

Severity

20

CKR0205 ***field* not found in profile *datasetname* complex *complex version***

Explanation

Here *field* can be DSTYPE or MODELNAM. While searching the data set profile indicated for the specified field, end-of-profile was reached or the template did not contain the field. If the error is reproducible, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0206 **Duplicate GLOBAL profile *classname* complex *complex version***

Explanation

Two identical GLOBAL profiles for the indicated class were found. This is an anomaly in the RACF database. Only the first profile will be used, and no support is present to remove the condition.

Severity

20

CKR0207 **Model name length *length* too long on profile *identity* complex *complex version***

Explanation

The model profile name on a user or group profile is *length* characters long. The maximum length for a model profile is 44 characters, minus the length of the high level qualifier prefix (the user or group ID followed by a dot).

The program provides no support for this condition.

Severity

20

CKR0208 ***field* not found in *type* profile.complex *complex version***

Explanation

Here *type* can be DATASET or GENERAL, and *field* can be UNIVACS, UACC, FLAG1, AUDIT, AUDITQS, AUDITQF, GAUDITQS or GAUDITQF. see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0209 ***identity* defined as both USER and GROUP**

Explanation

The indicated identity was found as a profile in the class USER as well as the class GROUP. No support exists to handle this condition.

Severity

20

CKR0210 **USER "*identity*" doubly defined**

Explanation

Two user profiles were encountered with identical keys. Possibly you combined two copies of the same database in one run.

Severity

20

CKR0211 **GROUP "*identity*" doubly defined**

Explanation

Two group profiles were encountered with identical keys. Possibly you combined two copies of the same database in one run.

Severity

20

CKR0212 **Numeric or flag field *fldname* exceeds supported length (4 byte) for profile *key***

Explanation

This message indicates that during SELECT or EXCLUDE processing a profile was encountered with the field length for the indicated field exceeding 4 bytes. The program assumes that all numeric fields are 4 bytes or less in length.

Severity

20

CKR0213 **Missing master catalog for system *name***

Explanation

This message indicates that the CKFREEZE files did not contain a catalog dump of the master catalog for the indicated system, or that it was not clear which catalog was the master catalog.

Severity

16

CKR0214 **CKFREEZE file required for selected options**

Explanation

This message indicates that you requested program functions that require the presence of a CKFREEZE file. However, no CKFREEZE or CKRCKF0*n* file was found allocated.

Severity

12

CKR0215 **Non-PADS run required to access masked field *field***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to request access to a field that is marked *masked* in the database templates.

Severity

12

CKR0216 ***event* permit *identity whenclass whenprofile(1-15) class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that *identity* was found in the conditional access list of a general resource profile. Only the first 15 characters of the key in the conditional permit are shown. For (RE)MOVE or VERIFY a PERMIT DELETE WHEN(...()) command is generated to remove the conditional permit. For COPY a PERMIT WHEN(...()) command is generated to create the conditional permit.

Severity

04

CKR0217 **Audit authority required to access *field***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to request access to a field that is reserved for users with the auditor or group-auditor attribute. The ALLOWRESTRICT modifier causes the severity of this message to drop to 4, thus allowing the program to finish the query. The offending field will be shown blank.

Severity

12 or 04

CKR0218 **Field *field* of length *field-length* extends *number* chars beyond target line length *line-length* - *ddname* line *number***

Explanation

This message indicates that you requested more fields than will fit into the output line buffer, which has maximum length *line-length*. The indicated field (of length *field-length*) would extend *number* characters beyond the end of the output line. The requested field will be truncated automatically.

Severity

12

CKR0219 **ICHCNX00 exit abend *sssuuu* now activating SUPPRESS ICHCNX00**

Explanation

This message indicates that an abend condition was intercepted while calling the current system's RACF exit ICHCNX00. This may easily happen if the exit requires supervisor state, key zero operation, or other authorized functions. The abend code was system abend *sss* (hexadecimal) or user abend *uuu* (hexadecimal). Calls to the exit will be suppressed for the remainder of the run.

Severity

16

CKR0220 **Unsupported date length for *fieldname location* complex *complex version***

Explanation

This message is issued when trying to format a variable length date field with an unsupported length.

The field name from the template is indicated in the message, as well as the profile in which the condition was found, either in the format **profile** *key* or in the format **connect** *user* **to** *group*.

Severity

20

CKR0221 **Warning: program profiles present but program control not active in system *sys* complex *complex version***

Explanation

This message indicates that you requested a report concerning PROGRAM protection. Profiles were found in the class PROGRAM, but the system-wide option SETROPTS WHEN(PROGRAM) is *not* in effect. This means that the profiles will *not* be used by RACF, and will *not* be present on the REPORT AC1 and REPORT PADS output, unless you include a SIMULATE SETROPTS WHEN(PROGRAM) command.

Severity

00

CKR0222 ***event* supgrp *identity* of group *name* - make *name***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER command. The superior group field will be changed by an ALG command to the indicated group.

Severity

04

CKR0223 **Invalid PRINT/NEWLIST output file - *file***

Explanation

This message indicates that the indicated filename or DDname is not valid as a target for a NEWLIST or PRINT command. The following reserved DDnames may not be specified: CKRUNLIN, CKRUNLOU, STEPLIB, SYSABEND, SYSUDUMP, SYSMDUMP, CKRCARLA, CKRTSPRT, XMLIN, XMLOUT, CKRACF*, CKRSMF*, and all redirections for those files. For additional information, see the OPTION command documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR0224 ***nn* profiles and *nn* segments read, *nn* profiles and *nn* segments selected (*nn*%) for *complex* [*version*]**

Explanation

This message is only issued for a Restructured Data Set and indicates the number of profiles (base segments) and non-base segments that were read and the numbers that were selected. The percentage is based on the sum of profiles and non-base segments. The number selected for a run that only uses merge will be zero. If other TYPE=RACF newlists, reports or verify commands are used, those will determine the number of selected profiles / segments.

Severity

00

CKR0225 **DMS default setting not supported - *ppppppppv* on complex *complex* system *system***

Explanation

This message indicates that the indicated setting *v* for a DMS parameter *pppppppp* is not supported - results may be unpredictable. It can happen that the indicated parameter setting was assumed as a default by the program (because it is the default in DMS) if the actual value was missing in the CKFREEZE file.

Severity

16

CKR0226 **Invalid sysid (must be lower or equal to 4 characters)**

Explanation

This message indicates a system name was found in a conditional access list entry that had more than 4 characters. This is not supported. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0227 ***length* must be in range n..32767**

Explanation

This message indicates that the page or line *length* you supplied does not fall in the allowed interval 0..32767 for PL or 1..32767 for LL. If you want to prevent paginating the output, you should use PL=0 or NOPAGE.

Severity

12

CKR0228 **Modifiers (SUB/TOP)TITLE cannot be combined with WRAP/ MORE/HOR - field *field* at *ddname* line *number***

Explanation

This message indicates that a modifier was specified that changes the appearance of a repeated field on the overview line but is not supported for page titles.

Severity

12

CKR0229 **Modifiers (SUB/TOP)TITLE are mutually exclusive - field *field* at *ddname* line *number***

Explanation

A field must be either part of the title or the toptitle. But you can specify the field twice with one of the modifiers on each.

Severity

12

CKR0230 **Modifier PAGE not allowed after variable field without PAGE - field *field* at *ddname* line *number***

Explanation

Fields that cause a page boundary when their value changes must be higher in the sort hierarchy than fields that do not have the page modifier.

Severity

12

CKR0231 **(SUB/TOP)TITLE must occur before fields on output line - field *field* at *ddname* line *number***

Explanation

Fields that are to be reported in a page title must be higher in the sort hierarchy than fields that do not have a TITLE, TOPTITLE, and SUBTITLE modifier. While this is a syntax error because the request cannot be honored, this message is issued with return code 00 if the field has an explicit DETAIL modifier to allow certain DISPLAY scripts to also be run in the batch. For a detail display, TITLE, TOPTITLE, and SUBTITLE can be specified regardless of record sort order.

Severity

12 or 00 (unless changed by the MSGRC parameter of the OPTION statement)

CKR0232 **KEY must occur before any non-key fields on display - field *field* at *ddname* line *number***

Explanation

The KEY modifier can only be used in a set of contiguous columns on the left of the display. This defines the part of the display that cannot be scrolled horizontally.

Severity

12

CKR0233 **Modifiers (SUB/TOP)TITLE not valid with length 0 - field *field* at *ddname* line *number***

Explanation

The field that is to be reported in a page title must have a fixed length.

Severity

12

CKR0234 ***option* modifier invalid on LIST command, use SORTLIST before *token* at *ddname* line *number***

Explanation

Use SORTLIST if you want to use the PAGE, SUBTITLE, TITLE, or TOPTITLE modifier.

Severity

12

CKR0235 **Replace notify *identity* on non-VSAM DATASET profile *volume datasetname* - with *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/PERMIT/USER, NEWNOTIFY= command. In response, an ALTDSD NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0236 **Replace notify *identity* on VSAM DATASET profile *volume datasetname* - with *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/PERMIT/USER, NEWNOTIFY= command. In response, an ALTDSD NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0237 **Replace notify *identity* on generic DATASET profile *datasetname* - with *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/PERMIT/USER, NEWNOTIFY= command. In response, an ALTDSD NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0238 **Replace notify *identity* of model DATASET profile *datasetname* - with *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/PERMIT/USER, NEWNOTIFY= command. In response, an ALTDSD NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0239 **Change notify *identity* to *id2* profile *class key***

Explanation

This message is issued for a PROGRAM or GLOBAL profile due to a (RE)MOVE NOTIFY/PERMIT/USER, NEWNOTIFY= command. In response, an RALTER NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0240 **BCS RACF indicator set but no discrete VSAM profile *volser clustername***

Explanation

This message is issued due to a VERIFY INDICATED command.

Severity

04

CKR0241 **Discrete VSAM profile but BCS RACF indicator not set *volser clustername***

Explanation

This message is issued due to a VERIFY ONVOLUME command. The volume indicated is the volume of the catalog (BCS) that contained an ownership cell with the RACF indicator bit off for the indicated cluster. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0242 **Discrete VSAM profile present but no cluster found *volser clustername***

Explanation

This message is issued due to a VERIFY ONVOLUME command. The volume indicated is the volume of the catalog that did not contain the cluster. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0243 **Discrete VSAM profile but BCS volume not mounted *volser clustername***

Explanation

This message is issued due to a VERIFY ONVOLUME command. The profile indicates a volume that is not mounted. To solve the error condition a DELDSD NOSET command will be generated.

Severity

04

CKR0244 **Replace notify *identity* on tape DATASET profile *volser datasetname* - with *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/ PERMIT/USER, NEWNOTIFY= command. In response, an ALTDSD NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0245 ***event* qualif *identity* of tape DATASET profile *volser datasetname* - output DELDSD**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/ GROUP command. It indicates that the data set profile has a first qualifier that is undefined or to be removed. To solve the condition, a DELDSD VOL() command will be generated. The message and action may be suppressed by means of a SUPPRESS command.

Severity

04

CKR0246 ***event* qualif *identity* of non-VSAM DATASET profile *volser datasetname* - output DELDSD**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/ GROUP command. It indicates that the data set profile has a first qualifier that is undefined or to be removed. To solve the condition, a DELDSD VOL() command will be generated. The message and action may be suppressed by means of a SUPPRESS command.

Severity

04

CKR0247 ***event* qualif *identity* of VSAM DATASET profile *volser datasetname* - output DELDSD**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/ GROUP command. It indicates that the data set profile has a first qualifier that is undefined or to be removed. To solve the condition, a DELDSD VOL() command will be generated. The message and action may be suppressed by means of a SUPPRESS command.

Severity

04

CKR0248 ***event* qualif *identity* of generic DATASET profile *datasetname* - output DELDSD**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/ GROUP command. It indicates that the data set profile has a first qualifier that is undefined or to be removed. To solve the condition, a DELDSD command will be generated. The message and action may be suppressed by means of a SUPPRESS command.

Severity

04

CKR0249 ***event* qualif *identity* of model DATASET profile *datasetname* - output DELDSD**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command. It indicates that the data set profile has a first qualifier that is undefined or to be removed. To solve the condition, a DELDSD command will be generated. The message and action may be suppressed by means of a SUPPRESS command.

Severity

04

CKR0250 **Multivolume discrete profile but no RACF indicator *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a ALTDSD DELVOL command will be generated.

Severity

04

CKR0251 **Multivolume discrete profile but data set not found *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a ALTDSD DELVOL command will be generated.

Severity

04

CKR0252 **Multivolume discrete profile but volume not mounted *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. To solve the error condition a ALTDSD DELVOL command will be generated.

Severity

04

CKR0253 **Cluster indicator unknown due to undumped catalog on *volume clustername***

Explanation

The program was unable to determine whether the indicated cluster was RACF indicated or not, since the catalog in which it was cataloged according to the VVDS, was not present in the catalog dump.

Severity

08

CKR0254 **Discrete profile not used because GDG model present *volser datasetname***

Explanation

This message is issued due to a VERIFY ONVOLUME command. It indicates that a discrete profile is present for a GDG generation, while at the same time a discrete non-VSAM or model profile exists for the GDG base name, and GDG modelling is active. To solve the error condition a DELDSD NOSET command will be generated. However, if the generation has already been rolled off the GDG, the command may be rejected with the error message "NOT FOUND IN CATALOG". In this case, the profile can only be removed by deactivating the system-wide MODEL(GDG) option before issuing the command.

Severity

04

CKR0255 ***event* notify *identity* on non-VSAM DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the error condition an ALTDSD VOL() NONOTIFY command will be generated.

Severity

04

CKR0256 ***event* notify *identity* on VSAM DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the error condition an ALTDSD VOL() NONOTIFY command will be generated.

Severity

04

CKR0257 ***event* notify *identity* on generic DATASET profile *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the error condition an ALTDSD NONOTIFY command will be generated.

Severity

04

CKR0258 ***event* notify *identity* of model DATASET profile *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the error condition an ALTDSD NONOTIFY command will be generated.

Severity

04

CKR0259 ***event* notify *identity* general resource profile *class name***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the error condition a RALT NONOTIFY command will be generated.

Severity

04

CKR0260 ***event* member *identity* general resource profile *class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER command. This message is only issued for the NODES resource class. To solve the condition an RDEL command will be generated to remove the entire profile.

Severity

04

CKR0261 **Key with unknown *identity* general resource profile *class key***

Explanation

This message is issued due to a VERIFY PERMIT or (RE)MOVE PERMIT/USER command. This message is only issued for resource classes where some qualifier can be a user ID or group, like VMMDISK, VMBATCH, DLFDATA, JESJOBS, NODES, JESSPOOL, PROPCNTL, VMEVENT, and VMXEVENT. To solve the condition an RDEL command will be generated to remove the profile.

Severity

04

CKR0262 ***event* user *identity* - defines OMVS default UID in BPX.DEFAULT.USER**

Explanation

This message is issued with event equal to **Undefined** due to a VERIFY PERMIT command, and with event equal to **Remove** due to a REMOVE PERMIT/USER command. It means that the identity to be removed defines the OMVS default UID, and that the error condition is not resolved. This error condition is not resolved when the default GID specification is present and not to be removed; if there would not have been a default GID specification to be kept, the condition would have been resolved by removing the specification(s), and CKR0298 would have been issued instead.

Severity

08

CKR0263 ***event* notify *identity* general resource profile *class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command, and with *event* equal to **Replace** due to a COPY PERMIT/USER command. To solve the condition a RALTER NONOTIFY command will be generated to remove the notify field.

Severity

04

CKR0264 ***event* R-ownr *identity* on non-VSAM DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command. It means that the identity to be removed was found in the RESOWNER field of the DFP segment. To solve the error condition an ALTDSD VOL() NODFP command will be generated.

Severity

04

CKR0265 ***event* R-ownr *identity* on VSAM DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE NOTIFY/PERMIT/USER command. It means that the identity to be removed was found in the RESOWNER field of the DFP segment. To solve the error condition an ALTDSD VOL() NODFP command will be generated.

Severity

04

CKR0266 ***event* R-ownr *identity* on generic DATASET profile *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command. It means that the identity to be removed was found in the RESOWNER field of the DFP segment. To solve the error condition an ALTDSD VOL() NODFP command will be generated.

Severity

04

CKR0267 ***event* R-ownr *identity* of model DATASET profile *datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command. It means that the identity to be removed was found in the RESOWNER field of the DFP segment. To solve the error condition an ALTDSD VOL() NODFP command will be generated.

Severity

04

CKR0268 ***event* permit *identity whenclass whenprofile(1-15) class key***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that *identity* was found in the conditional access list of a general resource profile. Only the first 15 characters of the key in the conditional permit are shown. To solve the condition a PERMIT DELETE WHEN(...()) command will be generated.

Severity

04

CKR0269 ***event* permit *identity* SYSID *smfid* PROGRAM *profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that *identity* was found in the conditional access list WHEN(SYSID(*smfid*)) clause of a PROGRAM profile. To solve the condition a PERMIT DELETE WHEN(SYSID(*smfid*)) command will be generated.

Severity

04

CKR0270 ***event* permit *identity whenclass whenprofile(1-15)* PROGRAM *profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that *identity* was found in the conditional access list clause of a PROGRAM profile other than WHEN(SYSID(...)). Only the first 15 characters of the key in the conditional permit are shown. To solve the condition a PERMIT DELETE WHEN(...()) command will be generated.

Severity

04

CKR0271 ***event* permit *identity* in access list of tape dsn *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a PERMIT DELETE VOL() command will be generated.

Severity

04

CKR0272 **Remove raclink *node.id* with *id2* - output RACLINK UNDEFINE**

Explanation

This message is issued due to a REMOVE USER= command. In order to remove *id2*, its raclinks must be deleted first, hence RACLINK UNDEFINEs are generated for each.

Severity

00

CKR0273 ***event* owner *identity* of tape DATASET profile *volser datasetname* - make *newowner***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a (RE)MOVE PERMIT/USER/GROUP command, and with *event* equal to **Replace** due to a COPY PERMIT/USER/GROUP command. To solve the error condition a ALTDSD VOL() OWNER() command will be generated. The new owner will be the HLQ of the profile, unless that is identical to *identity*. In that case it will be the name specified on the DEFAULT OWNER= command. The new owner selected is shown in the message.

Severity

04

CKR0274 ***event* notify *identity* on tape DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command. To solve the error condition a ALTDSD VOL() NONOTIFY command will be generated.

Severity

04

CKR0275 **Inaccessible cluster (RACF indicated and no profile) *volser datasetname***

Explanation

This message is issued due to a VERIFY PROTECTALL or VERIFY INDICATED command. To solve the error condition an ADDSD NOSET command will be generated, but only if VERIFY INDICATED was *not* specified. Note that adding the profile may not be enough, you might want to enhance the access list, or use a generic profile instead.

Severity

04

CKR0276 **Unprotected cluster (not RACF-indicated, no generic) *volser datasetname***

Explanation

This message is issued due to a VERIFY PROTECTALL command in NOPROTECTALL or PROTECTALL(WARN) environment. No command is generated.

Severity

08

CKR0277 ***event* R-ownr *identity* on tape DATASET profile *volser datasetname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a (RE)MOVE NOTIFY/PERMIT/USER command. It means that the identity to be removed was found in the RESOWNER field of the DFP segment. To solve the error condition an ALTDSD VOL() NODFP command will be generated.

Severity

04

CKR0278 **Revoke for user *identity* requested**

Explanation

This message is issued due to a (RE)MOVE USER=, REVOKE command. In response, an ALTUSER REVOKE command will be generated.

Severity

00

CKR0279 **Connect user *identity* to group *identity* as requested - output CONNECT**

Explanation

This message is issued due to a MOVE USER=, TOGROUP= command. In response, a CONNECT command will be generated.

Severity

00

CKR0280 **Default group of *identity* becomes *identity* because removing former default**

Explanation

This message is issued due to a MOVE USER=, TOGROUP= command. In response, an ALTUSER DFLTGRP() command will be generated.

Severity

00

CKR0281 **Remove user *identity* from *identity* as requested - output REMOVE**

Explanation

This message is issued due to a MOVE USER=, TOGROUP= command. In response, a REMOVE command will be generated.

Severity

00

CKR0282 **Inaccessible cluster (not indicated and no generic) *volser datasetname***

Explanation

This message is issued due to a VERIFY PROTECTALL command in a PROTECTALL(FAIL) environment. No command is generated.

Severity

04

CKR0283 **Delete userid *identity* group *identity* as requested - output DELUSER**

Explanation

This message is issued due to a REMOVE USER= command. In response, a DELUSER command will be generated.

Severity

00

CKR0284 **Delete group *identity* of depth *depth* - output DELGROUP**

Explanation

This message is issued due to a REMOVE GROUP= command. In response, a DELGROUP command will be generated for the indicated group with the indicated *depth.*

Severity

00

CKR0285 **Replace notify *identity* general resource profile *class key* by *newnotify***

Explanation

This message is issued due to a (RE)MOVE NOTIFY/ PERMIT/USER, NEWNOTIFY= command. In response, a RALTER NOTIFY() command will be generated to change the notify field.

Severity

04

CKR0286 **No VTOC and no VVDS entry for cluster component on *volser datasetname***

Explanation

This message is issued if a cluster component is referred to by a catalog entry or system control block, but could not be found in either the VTOC or the VVDS.

Severity

08

CKR0287 **Non-restorable dataset, indic, no generic at archive *volser datasetname* of *seq***

Explanation

This message is issued if the DMSFILES data set contains a DSNINDEX and RACFENCD record for a version of data set *datasetname* that was RACF indicated and protected by a discrete profile at the time of the archive operation, but the discrete RACF profile (with the encoded name) is not found in the RACF database anymore. According to the DMS documentation, this means that it is impossible to restore the data set without first changing the DSNINDEX records. If this message keeps occurring after repeating the zSecure Collect run, you should follow the procedures in the DMS documentation (for example, RACFCHK1) to reconcile the relationship between DMS and RACF.

Severity

08

CKR0288 **Non-restorable data set, RACFENCD record missing for *volser datasetname* of *seq***

Explanation

This message is issued if the DMSFILES data set contains a DSNINDEX record for a version of data set *datasetname* that was RACF indicated and protected by a discrete profile at the time of the archive operation, but does not contain a corresponding RACFENCD record. According to the DMS documentation, this means that it is impossible to restore the data set without first changing the DSNINDEX records. If this message keeps occurring after repeating the zSecure Collect run, you should follow the procedures in the DMS documentation (for example, RACFCHK1) to reconcile the relationship between DMS and RACF.

Severity

08

CKR0289 **Orphan RACFENCD record, DSNINDEX record missing for *datasetname* of *seq***

Explanation

This message is issued if the DMSFILES data set contains a RACFENCD record for a version of the indicated data set without a corresponding DSNINDEX record. Possibly this may correspond to an 'orphan' discrete profile, this is currently not checked by the program. If this message keeps occurring after repeating the zSecure Collect run, you should follow the procedures in the DMS documentation (for

example, RACFCHK1) to reconcile the relationship between DMS and RACF.

Severity

08

CKR0290 **Discrete profile at archive non indicated data set *volser datasetname* of *seq***

Explanation

This message is issued if a DSNINDEX record in the DMSFILES data set indicates that a version of the indicated data set was non-indicated and protected by a discrete profile at the same time (during the archive operation). This contradictory bit setting is not supported by the program.

Severity

08

CKR0291 **RACFENCD record found but DSNINDEX discrete flag off *volser datasetname* of *seq***

Explanation

This message is issued if a RACFENCD record has been found in the DMSFILES data set for a version of the data set *datasetname* (originally residing on volume *volser*) that also has a DSNINDEX record which tells that the data set was not protected by a discrete at the time of the archive. This contradictory bit setting is not supported by the program.

Severity

08

CKR0292 **Connected catalog not found on any volume *datasetname***

Explanation

This message is issued if one of the system's master catalogs contains a usercatalog connector entry pointing to a catalog *datasetname* that could not be found.

Severity

08

CKR0293 **Volume not mounted on any system for cluster comp on *volser datasetname***

Explanation

This message is issued if a catalog or system control block refers to a VSAM component on a volume that was not present in any of the CKFREEZE files.

Severity

08

CKR0294 **Cluster cataloged but not in proper ctlg on any system *volser datasetname***

Explanation

This message is issued because this cluster is present in a catalog, but not in such a way that it can be accessed directly on any system for which a CKFREEZE was supplied, since there is no ALIAS for the HLQ of the cluster or for the dsname of the cluster in the master catalog. This means that on these systems this cluster can only be accessed from a batch job that uses a STEPCAT/JOBCAT allocation. If the cluster is not intended to be accessed from another system where an ALIAS is correctly defined, you should define an alias or delete the cluster. If this condition is intentional, you can suppress the message from the report with a SUPPRESS MSG=294 command.

Severity

04

CKR0295 **Component part of two clusters on one system *volser datasetname***

Explanation

This points to a maintenance issue with catalogs: the same VSAM component is defined in two (master or connected) catalogs on one system. You should investigate which definition is correct for this system, and whether the other definition is not used on another system. You can fix this error by uncataloging the component (or the whole cluster) from one of the catalogs.

Severity

08

CKR0296 **PROGRAM profile w/o load module but info missing *complex program Reason***

Explanation

This message is issued by the VERIFY PGMEXIST function because the indicated PROGRAM profile does not seem to cover any load module from any system in the complex, but some information necessary to be sure is missing. The message is followed by one or more *Reason* lines with one of the following detail explanations:

- **Not all VTOCs in CKFREEZE to search for data set without volser** *dsname*
- **Mig. catlg not in CKFREEZE to check data set any system** *dsname*
- **PDS dir. not available for migrated data set** *syst dsname*
- **VTOC is not in CKFREEZE to check data set** *syst volser*
- **Mig. catlg not in CKFREEZE to check data set** *syst volume dsname*
- **PDS dir. not available for migrated data set** *syst volume dsname*
- **PDS directory not in CKFREEZE for data set** *syst volser dsname*

If you are using zSecure Admin or Audit for RACF, see the documentation for the VERIFY PGMEXIST, PROGRAMNONEMPTY, PROGRAMNOTEMPTY, PGMNONEMPTY, PGMNOTEMPTY commands in the *zSecure CARLa Command Reference* for more information about missing VTOCs, missing migration catalogs, and missing PDS directory information. If a CKRCMD file is allocated for the complex, a commented-out RDELETE command is generated to remove the PROGRAM profile.

Severity

04

CKR0297 **Obsolete PROGRAM, load module not in libraries *complex program***

Explanation

This message is issued by the VERIFY PGMEXIST function because the indicated PROGRAM profile does not cover any load module from any system in the complex. If a CKRCMD file is allocated for the complex, an RDELETE command is generated to remove the PROGRAM profile.

Severity

04

CKR0298 ***event* user *identity* - defines OMVS default UID in BPX.DEFAULT.USER - output RALTER**

Explanation

This message is issued with event equal to **Undefined** due to a VERIFY PERMIT command, and with event equal to **Remove** due to a REMOVE PERMIT/USER command. It means that the identity to be removed defines the OMVS default UID, and that the error condition is resolved by removing the specification. If there was a default GID specification, it was to be removed as well; no separate message is shown. If there had been a default GID specification that should not be removed, the error condition would have been considered unresolvable and CKR0262 would have been issued instead.

Severity

04

CKR0299 ***event* group *identity* - defines OMVS default GID in BPX.DEFAULT.USER - output RALTER**

Explanation

This message is issued with event equal to **Undefined** due to a VERIFY PERMIT command, and with event equal to **Remove** due to a REMOVE PERMIT/GROUP command. It means that the identity to be removed defines the OMVS default GID, and that the error condition is resolved by removing the specification. It also means that the default UID specification was to be kept; otherwise CKR0298 would have been issued instead.

Severity

04

CKR messages from 300 to 399

CKR0300 **Tape volume *vvvvvv* part of TAPEVOL profile *key1* as well as *key2* complex *complex version***

Explanation

This message is issued if a volume serial is part of more than one TAPEVOL profile. This might be caused by running with split databases and an incorrect range table.

Severity

20

CKR0301 ***event* permit *identity whenclass whenprofile(1-15) - volume dsname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that the identity was found in the conditional access list of a discrete data set profile. Only the first 15 characters of the key in the conditional permit are shown. To solve the condition a PERMIT DELETE WHEN(...()) command will be generated.

Severity

04

CKR0302 ***event* permit *identity whenclass whenprofile(1-15)* dataset *dsname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command, and with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command. It indicates that the identity was found in the conditional access list of a generic data set profile. Only the first 15 characters of the key in the conditional permit are shown. To solve the condition a PERMIT DELETE WHEN(...()) command will be generated.

Severity

04

CKR0303 ***event* permit *identity whenclass whenprofile(1-15)* model *dsname***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command, and with *event* equal to **Redundant** due to a REMOVE REDUNDANT_PERMIT command. It indicates that the identity was found in the conditional access list of a model data set profile. Only the first 15 characters of the key in the conditional permit are shown. To solve the condition a PERMIT DELETE WHEN(...()) command will be generated.

Severity

04

CKR0304 **Tape information inconsistent on scratch status for volume *volser datasetname***

Explanation

This message is issued if one tape catalog entry for *volser* indicates that it is a scratch volume, while another one indicates that it is not. It will be treated as a scratch volume.

Severity

08

CKR0305 **Catalog entry conflicts with tape management system *volser datasetname* file *seq***

Explanation

This message is issued if an ICF catalog and a tape catalog indicate different data set names for the same file sequence number on the same volume serial. The tape catalog is assumed to be correct, the ICF catalog entry will be ignored.

Severity

08

CKR0306 **TVTOC entry conflicts with tape management system *volser datasetname* file *seq***

Explanation

This message is issued if a TVTOC entry in the RACF database and a tape catalog entry indicate different data set names for the same file sequence number on the same volume serial. The tape catalog is assumed to be correct, the TVTOC entry will be ignored.

Severity

08

CKR0307 **Conflicting tape management information for file *volser datasetname* file *seq***

Explanation

This message is issued if two tape catalog entries indicate different data set names for the same file sequence number on the same volume serial. There is no way to determine which is correct.

Severity

08

CKR0308 **Catalog entry same fileseq as other catalog entry *volser datasetname* file *seq***

Explanation

This message is issued if two ICF catalog entries indicate different data set names for the same file sequence number on the same volume serial. There is no way to determine which is correct.

Severity

08

CKR0309 **Catalog entry conflicts with TVTOC *volser datasetname* file *seq***

Explanation

This message is issued if an ICF catalog and a TVTOC entry in the RACF database indicate different data set names for the same file sequence number on the same volume serial. The TVTOC is assumed to be correct, the ICF catalog entry will be ignored.

Severity

08

CKR0310 **Adding previous volume pointer would create a loop *volser datasetname* previous *vol2*, reading *source***

Explanation

This message is issued if *vol2* is declared as the volume directly preceding *volser*, while *volser* already precedes *vol2*. *source* is either **TVTOC**, to indicate that the error was detected while processing the RACF database, or **CKFREEZE**, to indicate that the error was detected while processing the ICF and tape catalogs. The new link is not established; any TVTOC entries are processed first.

Severity

08

CKR0311 **Conflicting tape management info on volume chaining *volser datasetname* previous *vol2***

Explanation

This message is issued if two tape management catalog entries indicate different previous volumes for the same volume serial. There is no way to determine which is correct.

Severity

08

CKR0312 **TVTOC chaining conflict with tape management system *volser datasetname* previous *vol2***

Explanation

This message is issued if a TVTOC entry in the RACF database conflicts with the tape management catalog as to the previous volume for the indicated volume serial. The tape management catalog will be considered correct, and the TVTOC entry will be ignored.

Severity

08

CKR0313 **Catalog entries disagree on the previous volume of *volser datasetname* previous *vol2***

Explanation

This message is issued if two ICF catalog entries indicate different previous volumes for the same tape volume serial. There is no way to determine which is correct; *vol2* is the ignored link.

Severity

08

CKR0314 **Catalog vol chaining conflicts with tape management *volser datasetname* previous *vol2***

Explanation

This message is issued if an ICF catalog entry conflicts with the tape management catalog as to the previous volume for the indicated volume serial. The tape management catalog will be considered correct, and the information from the catalog entry will be ignored.

Severity

08

CKR0315 **Catalog vol chaining conflicts with TVTOC *volser datasetname* previous *vol2***

Explanation

This message is issued if an ICF catalog entry conflicts with a TAPEVOL TVTOC entry in the RACF database as to the previous volume for the indicated volume serial. The TVTOC will be considered correct, and the information from the catalog entry will be ignored.

Severity

08

CKR0316 **Imbedded ISPF variable not found - *name* at *ddname* line *number***

Explanation

This message indicates that an INCLUDE or IMBED command was given for an ISPF variable, but the variable was not present in either the implicit function pool, the shared variable pool, or the profile variable pool.

Severity

12

CKR0317 **Open failed [*type* abend *rc-rr* (*interpretation*)] for imbedded file *ddname* dataset *dsname* at *ddname2* line *number***

Explanation

This message indicates that an INCLUDE or IMBED command was given for a file, but the file could not be opened. If an abend occurred, the abend code, reason code and interpretation are given. Review the job log for messages with additional information. If no abend information is present in the message, a preceding CKR message should indicate the reason for the failure.

Severity

12

CKR0318 **ICHRIN03 generic entry is not the last one, ignored *sys* entry "*procname userid grpname*"**

Explanation

This message indicates an error in the contents of the Started Procedure Table ICHRIN03 on the indicated system *sys*. The generic entry must be the last entry to be handled as a generic entry by RACF. It appears that the generic entry in your ICHRIN03 is not the last entry.

Severity

08

CKR0319 **ICHRIN03 generic entry allows masquerading any user *sys* entry "*procname userid grpname*"**

Explanation

This message indicates an undesirable effect of the contents of the Started Procedure Table ICHRIN03 on the indicated system *sys*. The generic entry allows persons with UPDATE access to a started task procedure library or JES2 parameter data set to masquerade as any user in the system by creating a procedure member with a name equal to the user ID to masquerade. The recommended form of the generic entry is to include in the generic entry a nonblank group name that is specifically meant to contain only the user IDs allowed to run as started tasks.

Severity

08

CKR0320 **Option only valid behind NEWLIST - *option* at *ddname line***

Explanation

This message indicates that the indicated *option* was included on a BUNDLE, OPTION or PRINT command, but this option is only allowed on the NEWLIST. Examples are RDS, NONRDS, and RETAIN. Note that most PRINT options are also allowed on the NEWLIST command.

Severity

12

CKR0321 **ICHRIN03 undefined user *id* procedure *procname volume dsn status system subsystem***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the RACF database on system *system* for procedure *procname* in subsystem *subsystem*. If *status* is **system**, the indicated procedure in the indicated procedure library maps to a user ID that is not defined in the RACF database; hence the procedure will run with the default authority, the undefined RACF user "*". If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a valid profile in the STARTED class and hence does not use ICHRIN03.

Severity

08

CKR0322 **ICHRIN03 undefined group *id* procedure *procname volume dsn status system subsystem***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the RACF database on system *system* for procedure *procname* in subsystem *subsystem*. If *status* is **system**, the indicated procedure in the indicated procedure library maps to a connect group that is not defined in the RACF database; hence the procedure will run with the default authority, the undefined RACF user "*". If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a valid profile in the STARTED class and hence does not use ICHRIN03.

Severity

08

CKR0323 **ICHRIN03 no connect *uid* to group *id* proc *procname volume dsn status system subsystem***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the RACF database on system *system* for procedure *procname* in subsystem *subsystem*. If *status* is **system**, the indicated procedure in the indicated procedure library maps to a user ID/group combination that has no connect defined in the RACF database; hence the procedure will run with the default authority, the undefined RACF user "*". If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a valid profile in the STARTED class and hence does not use ICHRIN03.

Severity

08

CKR0324 **ICHRIN03 contains group *id* as user - *procname volume dsn status system subsystem***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the RACF database on system *system* for procedure *procname* in subsystem *subsystem*. If *status* is **system**, the indicated procedure in the indicated procedure library maps to a user ID that is not defined as user in the RACF database, but as a group; hence the procedure will run with the default authority, the undefined RACF user "*". If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a valid profile in the STARTED class and hence does not use ICHRIN03.

Severity

08

CKR0325 **ICHRIN03 contains userid *id* as group - *procname volume dsn status system subsystem***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the RACF database on system *system* for procedure *procname* in subsystem *subsystem*. If *status* is **system**, the indicated procedure in the indicated procedure library maps to a group name that is not defined as group in the RACF database, but as a user; hence the procedure will run with the default authority, the undefined RACF user "*". If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a

valid profile in the STARTED class and hence does not use ICHRIN03.

Severity

08

CKR0326 **Started task runs with default authority *procname volume dsn status system subsystem***

Explanation

If *status* is **system**, this message identifies a started task that runs with the default RACF user (USER=*) on system *system* for procedure *procname* in subsystem *subsystem*. This may be correct (if the task does not need any higher access than the UACC of the data sets accessed). On the other hand, often a number of procedures can be identified which will fail if started with this (lack of) authority. If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused; if no procedure library is indicated, there is no task by that name; if a library is indicated, the task is covered by a valid profile in the STARTED class and hence does not use ICHRIN03. If you are not interested in the latter kind of potential problems, add SUPPRESS FALLBACK to the command input. To suppress all messages concerning the default user ID, you can add SUPPRESS ID=* (for ICHRIN03) and SUPPRESS ID=++++++++ (for the STARTED class) to the command input. To suppress only this message, add SUPPRESS MSG=326 to the command input.

Severity

00

CKR0327 ***sys* ICHRIN03 entry unused (subsys no proc) *procname***

Explanation

This message indicates a mismatch between the Started Procedure Table ICHRIN03 and the active procedure libraries. The indicated procedure name in ICHRIN03 does not cover any procedure in any of the MSTR and JES2 procedure libraries used for started tasks in any of the systems. Note: This message may also be issued if a CKFREEZE file is used that was produced by running zSecure Collect from an unauthorized library. If zSecure Collect is run with APF authorization, it will use cross memory functions to find the data sets allocated to STCPROC (or PROC00 if there's no STCPROC). Subsequently, it will read the PDS directory of each of these proclibs. Note that it is insufficient to tell zSecure Collect to dump the directories of the PDS data sets in an unauthorized run, because they will not be known as proclibs.

Severity

08

CKR0328 **Obsolete permit *identity* unknown program *program* - in model *datasetprofile***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Basic program security mode. A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR0329 **Obsolete permit *identity* unknown program *program* generic *datasetprofile***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Basic program security mode (RACF pre-z/OS 1.4 or specifically defined in later RACF releases). A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR0330 **Open failed [*type* abend *rc-rr* (*interpretation*)] for imbedded member *member* of file *ddname* dataset *dsname* at *ddname2* line *number***

Explanation

This message indicates that an INCLUDE or IMBED command was given for a member, but the member could not be opened in the data set allocated to the file. If an abend occurred, the abend code, reason code and interpretation are given. Review the job log for messages with additional information. If no abend information is present in the message, a preceding CKR message should indicate the reason for the failure.

Severity

12

CKR0331 **STC default authority - procname is a group *procname volume dsn* system *system subsystem***

Explanation

This message indicates a mismatch for a specific procedure library member *procname* in subsystem *subsystem* between the generic entry in the Started Procedure Table ICHRIN03 and the RACF database on system *system*. The indicated procedure in the indicated procedure library maps to a user ID that is not defined as a user in the RACF database, but as a group. Hence the procedure will be assigned the undefined RACF user "*" when started.

Severity

08

CKR0332 **STC revoked connect *user* to *group* - *procname volume dsn status system subsystem***

Explanation

If *status* is **system**, this message indicates a procedure on system *system* that cannot be started. The procedure *procname* in subsystem *subsystem* in the indicated procedure library *dsn* on volume *volume* maps to a user ID/group combination that has a connect defined in the RACF database, but the connect has been revoked. Consequently, the procedure is not startable. If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused. If no procedure library is indicated, there is no task by that name. If a library is indicated, the task is covered by a valid profile in the STARTED class and does not use ICHRIN03.

Severity

08

CKR0333 **Revoked started task uid *userid* procedure *procname volume dsn status system subsystem***

Explanation

If *status* is **system**, this message indicates a nonstartable procedure on system *system*. The procedure *procname* in subsystem *subsystem* in the indicated procedure library *dsn* on volume *volume* maps to a user ID that is defined in the RACF database, but the user ID has been revoked. Consequently, the procedure is not startable. If *status* is **fallbk**, the indicated procedure has the same problem, but is currently unused. If no procedure library is indicated, there is no task by that name. If a library is indicated, the task is covered by a valid profile in the STARTED class and does not use ICHRIN03.

Severity

08

CKR0334 **JCL member hidden (duplicate) for procedure *procname volume dsn* system *system subsystem***

Explanation

This message indicates a nonstartable procedure member. The indicated procedure *procname* in subsystem *subsystem* in the indicated procedure library *dsn* on volume *volume* cannot be started, because it is part of a concatenation. The library prior to it in the concatenation has the same member defined. Consequently, this JCL member cannot be started.

Severity

00

CKR0335 **Copy *id1* to *id2* adds discrete resource *class key***

Explanation

This message indicates that a command was generated in the CKRCMD file to add a discrete general resource profile specific to *id2* mimicking a similar existing profile for *id1*. The message is issued as the result of a COPY command.

Severity

04

CKR0336 **Copy *id1* to *id2* adds generic resource *class key***

Explanation

This message indicates that a command was generated in the CKRCMD file to add a generic general resource profile specific to *id2* mimicking a similar existing profile for *id1*. The message is issued as the result of a COPY command.

Severity

04

CKR0337 **Copy *id1* to *id2* adds generic DATASET profile *dsn***

Explanation

This message indicates that a command was generated in the CKRCMD file to add a generic data set profile specific to *id2* mimicking a similar existing profile for *id1*. The message is issued as the result of a COPY command.

Severity

04

CKR0338 **Copy *id1* to *id2* adds model DATASET profile *dsn***

Explanation

This message indicates that a command was generated in the CKRCMD file to add a model data set profile specific to *id2* mimicking a similar existing profile for *id1*. The message is issued as the result of a COPY command.

Severity

04

CKR0339 **Replace owner *id1* of new generic DATASET profile *dsn* - make *id2***

Explanation

This message indicates that a command was generated in the CKRCMD file to change the owner of a generic data set profile specific to *id2* from *id1* to *id2*. The message is issued as the result of a COPY command.

Severity

04

CKR0340 **Replace owner *id1* of new model DATASET profile *dsn* - make *id2***

Explanation

This message indicates that a command was generated in the CKRCMD file to change the owner of a model data set profile specific to *id2* from *id1* to *id2*. The message is issued as the result of a COPY command.

Severity

04

CKR0341 **Unsupported copy *id* for tape DATASET profile *volser dsn***

Explanation

This message indicates that no command was generated in the CKRCMD file to copy the user-specific or group-specific discrete profile. The message is issued as the result of a COPY command.

Severity

08

CKR0342 **Unsupported copy *id* non-VSAM DATASET profile *volser dsn***

Explanation

This message indicates that no command was generated in the CKRCMD file to copy the user-specific or group-specific discrete profile. The message is issued as the result of a COPY command. If the COPY is issued as preparation to a rename operation, then a RENAME of the data set would automatically accomplish the rename of the discrete profile.

Severity

08

CKR0343 **Unsupported copy *id* for VSAM DATASET profile *volser dsn***

Explanation

This message indicates that no command was generated in the CKRCMD file to copy the user-specific or group-specific discrete profile. The message is issued as the result of a COPY command. If the COPY is issued as preparation to a rename operation, then a RENAME of the data set would automatically accomplish the rename of the discrete profile.

Severity

08

CKR0344 **Unsupported copy *id* for member of profile *class key***

Explanation

This message indicates that no command was generated in the CKRCMD file to copy the function of the user-specific entry in the member list of the

indicated profile. The message is issued as the result of a COPY command.

Severity

08

CKR0345 **Group implied in command input is a user - *id***

Explanation

This message indicates that a command was given implying that the ID *id* is a group. However, *id* is defined as a user ID in the RACF database. Most commands will not be processed any further.

Severity

12

CKR0346 **User implied in command input is a group - *id***

Explanation

This message indicates that a command was given implying that the ID *id* is a user ID. However, *id* is defined as a group in the RACF database. Most commands will not be processed any further.

Severity

12

CKR0347 ***event* owner *id1* by *id2* in resource *class key***

Explanation

This message indicates that a command was generated in the CKRCMD file to change the owner of a general resource profile specific to *id2* from *id1* to *id2*. The message is issued as the result of a COPY command.

Severity

04

CKR0348 ***parameter* must come behind TOUSER**

Explanation

The order of the parameters on the COPY or MOVE command is invalid. The parameter indicated is only valid behind the TOUSER parameter.

Severity

12

CKR0349 ***parameter* only valid behind COPY**

Explanation

The parameter is not valid on the current MOVE or REMOVE command, but only on a COPY command.

Severity

12

CKR0350 **Number of permits/references processed on *complex* [*version*] is *number***

Explanation

This message gives the number of permits and other references to users and groups that have been processed. It can be used as a measure for the complexity of your database and the IBM Security zSecure Admin and Audit for RACF command processed.

Severity

00

CKR0351 ***event* owner *identity* on group *name* - make *name***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE PERMIT/USER command. Both the owner and the superior group field will be changed by an ALG command to the indicated group.

Severity

04

CKR0352 **Add user *id1* to group *id2* as requested - output ADDUSER**

Explanation

This message indicates that a command was generated in the CKRCMD file to add the user ID *id1* with group *id2* as its default group. The message is issued as the result of a COPY USER= command.

Severity

00

CKR0353 **Add group *id1* to group *id2* at depth *depth* as requested - output ADDGROUP**

Explanation

This message indicates that a command was generated in the CKRCMD file to add the group *id1* as a subgroup of *id2*. The message is issued as the result of a COPY USER= command.

Severity

00

CKR0354 ***parameter* only valid behind USER= or COPY PERMIT/GROUP=**

Explanation

The parameter is not valid on the current MOVE or REMOVE command, or the order of the parameters is invalid.

Severity

12

CKR0355 **PERMIT/USER/GROUP/NOTIFY are mutually exclusive operands that can occur once per command**

Explanation

Only one of the indicated operands is allowed per MOVE, REMOVE, or COPY command.

Severity

12

CKR0356 **Not adding user *userid* as requested because all connects omitted by request - specify TOGROUP**

Explanation

This message indicates that a COPY request was given for a user *userid*, but the user could not be added since by your request (for example, FROMGROUP parameter or by means of SELECT commands) all connects would be omitted. In order to add a user ID, at least one connect group is required.

Severity

12

CKR0357 **Procedure name not a userid - uses default *procname volume dsn* system *system subsystem***

Explanation

This message is about started procedure *procname* in subsystem *subsystem* on system *system* with JCL in data set *dsn* on volume *volume*. This message identifies a started task that runs with the default RACF user (USER=*), because the user ID implied in the Started Procedure Table through the generic entry "* =" is not defined in the RACF database on system *system*. This may be correct (if the task does not need any higher access than the UACC of the data sets accessed). On the other hand, often a number of procedures can be identified which will fail if started with this (lack of) authority. To suppress all messages concerning the default user ID, you can add SUPPRESS ID=* (for ICHRIN03) and SUPPRESS ID=++++++++ (for the STARTED class) to the command input. To suppress only this message, add SUPPRESS MSG=357 to the command input.

Severity

00

CKR0358 **ICHRIN03 generic entry is privileged *sys* Entry "*procname userid grpname*"**

Explanation

This message indicates an undesirable feature of the Started Procedure Table ICHRIN03 on the indicated system *sys*. The generic entry has the privileged attribute, allowing any started task that is newly added to a procedure library to run with unaudited bypass of the access control decisions. This attribute is normally needed only by a few selected tasks, not by almost all started tasks.

Severity

08

CKR0359 **ICHRIN03 generic entry is trusted *sys* Entry "*procname userid grpname*"**

Explanation

This message indicates an undesirable feature of the Started Procedure Table ICHRIN03 on the indicated

system *sys*. The generic entry has the trusted attribute, allowing any started task that is newly added to a procedure library to run with bypass of the access control decisions. This attribute is normally needed only by a few selected tasks, not by almost all started tasks.

Severity

08

CKR0360 **GROUP invalid behind MOVE**

Explanation

The parameter is not valid on the MOVE command. Use USER, PERMIT or NOTIFY to move a user or replace a permit or notify.

Severity

12

CKR0361 **TOGROUP required with MOVE USER/PERMIT**

Explanation

The parameter TOGROUP is missing from the MOVE command. Use this parameter to indicate to which group the user must be moved.

Severity

12

CKR0362 **Delete of userid *userid* not requested, but removal of all connects implied**

Explanation

The REMOVE or MOVE commands for user IDs and groups results in removal of all connects for the indicated user ID. However, no REMOVE of this user ID was requested. The user ID will not be deleted by the generated commands. You can either specify a TOGROUP for the user, add a REMOVE for the user, or change the current commands. You can also use the 'Delete all USERs connected to GROUP' option when running with the ISPF interface.

Severity

12

CKR0363 ***parameter* only valid behind PERMIT=**

Explanation

The parameter indicated is not valid on the current command, or the order of the parameters is incorrect.

Severity

12

CKR0364 **Duplicate name for security level *nn* "*name1*" and "*name2*" complex *complex version***

Explanation

The member list of the SECLEVEL profile in the class SECDATA defining the names of the security levels contains more than one name for the same level. This may happen if the database has more than one SECLEVEL profile.

Severity

20

CKR0365 **Duplicate name for security category *nn* "*name1*" and "*name2*" in complex *complex version***

Explanation

The member list of the CATEGORY profile in the class SECDATA defining the names of the security categories contains more than one name for the same internal representation of a category. This may happen if the database has more than one CATEGORY profile.

Severity

20

CKR0366 **The following profiles have no data rule specified - current settings used:**

Explanation

This message indicates that the profiles following the colon exist in both the source and the current database, containing different data. However, a mergerule prescribing a data policy was not found.

Severity

08

CKR0367 **The following profiles have no auth rule specified - source settings used:**

Explanation

This message indicates that the profiles following the colon exist in both the source and the current database, containing different security related data. However, a mergerule prescribing an authority policy was not found.

Severity

08

CKR0368 **The following users have no auth rule specified - revoke status unpredictable**

Explanation

This message indicates that the profiles following the colon exist in both the source and the current database, containing different security related data. However, no mergerule prescribing an authority policy could be found.

Severity

08

CKR0369 ***number*** **logonid records read for** ***complex*** **[*version*]**

Explanation

This message is only issued for an ACF2 logon ID database and indicates the number of records that were read.

Severity

00

CKR0370 **Indirect field reference to** ***field*** **is not supported at** ***ddname*** **line** ***number***

Explanation

The indicated indirect reference *from:field* is not supported.

Severity

12

CKR0371 **Field reference by : operator invalid on LIST command, use SORTLIST/DISPLAY -** ***type*** **"*value*" at** ***ddname*** **line** ***number***

Explanation

In the NEWLIST TYPE=RACF, an indirect field reference *from:field* is only valid on the SORTLIST and DISPLAY commands, not on the LIST command.

Severity

12

CKR0372 **Formats SECLEVEL and CATEGORY invalid on LIST command, use SORTLIST -** ***type*** **"*value*" at** ***ddname*** **line** ***number***

Explanation

A security level or category format is only valid on the SORTLIST and DISPLAY commands, not on the LIST command.

Severity

12

CKR0373 **Scan operator : only valid with "=" or "<>" - before** ***delimiter*** **"*value*" at** ***ddname*** **line** ***number***

Explanation

The field value scan operator : is only valid when the field value comparator indicates equal or unequal.

Severity

12

CKR0374 **Field scan for string type *t* is not supported**

Explanation

You can only scan for a character string.

Severity

12

CKR0375 **Conversion error for selection of field** ***name*** **value "*value*" at** ***ddname*** **line** ***number***

Explanation

The indicated value could not be converted to the internal format required for field *name*.

Severity

12

CKR0376 **Modifier *modifier* invalid for field *name* at *ddname* line *number***

Explanation

The output modifier (for example, EXPLODE or SCOPE) cannot be used with field *name* or output format.

Severity

12

CKR0377 **TTR Conversion routine fails on *track* Rn for *ddname volser dsname***

Explanation

This message indicates a failure during EXCP mode processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

The message can be circumvented by adding the command BDAMQSAM to the input.

Severity

20

CKR0378 **PROFLIST must refer to a previously defined NEWLIST NAME= parameter**

Explanation

PROFLIST accepts the name of a preceding NEWLIST as its value. The value you passed was not defined as the NAME of a NEWLIST.

Severity

12

CKR0379 ***option* only valid in scope of a NEWLIST command**

Explanation

The indicated option can only be specified on a command following NEWLIST.

Severity

12

CKR0380 **Action for user *userid* requested, but userid not defined**

Explanation

The REMOVE, MOVE, or COPY command for the indicated user cannot complete successfully, since the user does not exist. Check for typing errors or for SELECT statements that exclude part of the database.

Severity

12

CKR0381 **Action for group *grpid* requested, but group not defined**

Explanation

The REMOVE or COPY command for the indicated group cannot complete successfully, since the group does not exist. Check for typing errors or for SELECT statements that exclude part of the database.

Severity

12

CKR0382 ***name* field invalid on LIST command, use SORTLIST - at *ddname* line *number***

Explanation

The field *name* is only valid on the SORTLIST and DISPLAY commands, not on the LIST command.

Severity

12

CKR0383 **Non-PADS access required to process RACF database of complex *complex* [*version*] without your userid *userid***

Explanation

When in restricted access mode, the security database you process must contain a user ID equal to your user ID on the current system. No such user ID was found in the security database for the indicated complex. The run will be terminated.

Severity

12

CKR0383 **Unrestricted access required to process ACF2 database of complex *complex* [*version*] without your logonid *logonid***

Explanation

When in restricted access mode, the security database you process must contain a logon ID equal to your logon ID on the current system. No such logon ID was found in the security database for the indicated complex. The run is terminated.

Severity

12

CKR0384 **Non-PADS run required to access restricted field *field***

Explanation

This message indicates that the program is operating in restricted or PADS mode and will not allow you to request access to a field that is not normally displayable by RACF commands. This condition is considered a syntax error (severity 12) unless an ALLOWRESTRICT modifier explicitly indicates that the query should be executed anyway; if the latter is the case, this message is issued as a warning (severity 4) to remind you that no output will be generated for the indicated field.

Severity

04 or 12

CKR0385 ***event* member *resource(1-33) class profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that the identity was found in a discrete member of a general resource profile in a grouping class. Only the first 33 characters of the member resource name are shown. To solve the condition a RALT DELMEM(...()) or RALT ADDMEM(...()) command will be generated.

Severity

04

CKR0386 ***event* member *resource(1-33) class profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that the identity was found in a generic member of a general resource profile in a grouping class. Only the first 33 characters of the member resource name are shown. To solve the condition a RALT DELMEM(...()) or RALT ADDMEM(...()) command will be generated.

Severity

04

CKR0387 ***event* member *resource(1-33)* GLOBAL DATASET**

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, with *event* equal to **Remove** due to a REMOVE PERMIT/USER/GROUP command, and with *event* equal to **Copy** or **Replace** due to a COPY PERMIT/USER/GROUP command. It indicates that the identity was found in a data set name present as member of a GLOBAL DATASET profile. Only the first 33 characters of the member resource name are shown. To solve the condition a RALT DELMEM(...()) or RALT ADDMEM(...()) command will be generated.

Severity

04

CKR0388 **ISPLINK module missing, variable not available - *varname* at *ddname* line *number***

Explanation

An IMBED or INCLUDE statement requested input from an ISPF variable, but the ISPF interface module ISPLINK could not be found.

Severity

12

CKR0389 **ISPLINK module missing, no ISPF functions possible**

Explanation

A command requested ISPF functions, but no ISPF interface module ISPLINK was found, neither with BLDL nor linked into the CKRCARLA load module.

Severity

12

CKR0390 **No active ISPF environment, no ISPF functions possible**

Explanation

A command requested ISPF functions, but the ISPLINK return code indicates it is incapable of performing ISPF commands.

Severity

12

CKR0391 **Duplicate NEWLIST NAME=*name* at *ddname* line *number*, already defined at *ddname2* line *number2***

Explanation

Two NEWLISTs have the same NAME=*name* parameter. This is not allowed.

Severity

12

CKR0392 **DDNAME parameter required on UNLOAD in the scope of a NEWLIST**

Explanation

When an UNLOAD command is used in the scope of a NEWLIST command, the output file must be specified using the DDNAME= parameter or its equivalent (DD=, FILE=, F=).

Severity

12

CKR0393 **Invalid DEBUG option - *option***

Explanation

An invalid DEBUG option was used.

Severity

12

CKR0394 **More than 16 SMF exits per subsystem not supported - system *system-name***

Explanation

System *system-name* has more than 16 SMF exits for one or more SMF subsystems. This is not supported in current versions of MVS and zSecure.

Severity

16

CKR0395 **Modifier WRAP cannot be combined with the *format* format - field *name* at *ddname* line *number***

Explanation

This message indicates an error with the use of the WRAP or WORDWRAP. These output modifiers cannot be used on a column with the indicated output format.

Severity

12

CKR0396 ***nn* rule records containing a total of *nn* entries read for *complex* [*version*]**

Explanation

This message is only issued for an ACF2 rule database and indicates the number of records that were read, as well as the total number of rule lines that were present in those records.

Severity

00

CKR0397 **Field *name* of length *field-length* truncated to *new-length* to fit in line length *line-length* at *ddname* line *number***

Explanation

This message indicates that field *name* did not fit on the output line and was truncated to fit the line length. It does not indicate an error condition.

Severity

00

CKR0398 **Maximum of 255 merged NEWLISTSs exceeded before *type* "*value*" at *ddname* line *number***

Explanation

The number of NEWLIST statements between a MERGELIST and ENDMERGE pair exceeded 255. Reduce the number of NEWLISTs, or split the report into several MERGELIST/ENDMERGE pairs.

Severity

12

CKR0399 **SUMMARY must be the last command in a NEWLIST body, only one per NEWLIST**

Explanation

This message indicates that a SUMMARY or DSUMMARY command was followed by another command from the LIST family within the same NEWLIST. This is not allowed.

Severity

12

CKR messages from 400 to 499

CKR0400 **AND requires prior clause**

Explanation

A syntax error was detected in the input. The program thinks it has encountered an AND in an AND/OR list in a SELECT or EXCLUDE command, but has not encountered the previous clause.

Severity

12

CKR0401 **OR requires prior clause**

Explanation

A syntax error was detected in the input. The program thinks it has encountered an OR in an AND/OR list in a SELECT or EXCLUDE command, but has not encountered the previous clause.

Severity

12

CKR0402 **NOT clause expects parentheses instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as a NOT in a SELECT or EXCLUDE command and is now expecting a clause within parentheses.

Severity

12

CKR0403 **LIKELIST must refer to a previously defined NEWLIST type=*type* NAME= parameter**

Explanation

This message indicates that a LIKELIST was used that did not refer to an existing NEWLIST name of the same type (indicated by *type*). A LIKELIST target must be the name of a NEWLIST of the same type that must come earlier in the input. There must be a LIST, SORTLIST/DISPLAY, or (D)SUMMARY command in the NEWLIST that is referred to. If you suppress this message all LIKELIST clauses which do not refer to a preceding NEWLIST select all records.

Severity

12

CKR0404 **Expected valid year value instead of *value***

Explanation

This message indicates that you specified a value for the YEAR keyword of the SELECT or EXCLUDE command that is out of range. Valid year values are in the range 0 to 99 (with 1900 added implicitly), or 1900 and higher.

Severity

12

CKR0405 **Range error in *type***

Explanation

This message indicates that you specified a range (two values separated by a colon) of *type* in the SELECT or

EXCLUDE command that is not valid. The start value in a range must be lower than or equal to the end value. The only exception is a range of weekday values, which should have a start value different from the end value (a weekday range can handle wrap-arounds).

Severity

12

CKR0406 **Error during conversion of string *source - string***

Explanation

This message indicates that an error occurred during the conversion of string *string* from hexadecimal, decimal or binary. Check *string* for characters invalid in the specified conversion type.

Severity

12

CKR0407 **Expected valid monthday value instead of *value***

Explanation

This message indicates that you specified a value for the MONTHDAY keyword of the SELECT or EXCLUDE command that is out of range. Valid monthday values are in the range 1 to 31.

Severity

12

CKR0408 **Unknown event name *name***

Explanation

This message indicates that you specified an event name for the EVENT keyword of a SELECT or EXCLUDE command that is unknown. Either specify an event by name or use an event number.

Severity

12

CKR0409 **Substring selection only allowed with =, <> and ¬=**

Explanation

This message indicates that the <, >, <= or >= relational operator was used for a substring scan (indicated by a colon ":" after the relational operator). This is not allowed; only the equal and not-equal operations are defined for a substring scan.

Severity

12

CKR0410 **Value list only allowed with =, <> and ¬=**

Explanation

This message indicates that the <, >, <= or >= relational operator was followed by an opening parenthesis indicating the start of a list of values. This is not allowed; only the equal and not-equal operations are defined for a list of values.

Severity

12

CKR0411 **Expected valid time value instead of *value***

Explanation

This message indicates that you specified a value for the TIME keyword of a SELECT or EXCLUDE command that is out of range. Valid time values are in the range 0000 to 2359; minute values of 60 or higher are not allowed. Warning: specifying TIME=10:00 would indicate an (invalid) time range from 0010 to 0000. Use TIME=1000 instead.

Severity

12

CKR0412 **String longer than expected size *value source***

Explanation

This message indicates that you specified a string value that is longer than allowed for this keyword of the SELECT or EXCLUDE command. The allowed maximum length for this keyword is included in the message.

Severity

12

CKR0413 **List not allowed for FIELDVAL type *type***

Explanation

This message indicates that you used a value list with the NEWLIST TYPE=SMF FIELDVAL type MASK1 or MASK2. These FIELDVAL types can only be used with a single value.

Severity

12

CKR0414 **Ignored empty list of *type***

Explanation

This warning message indicates that you specified a keyword but no *type* value or list of values in the SELECT or EXCLUDE command. zSecure has ignored the keyword and will continue input processing. This message may also occur when a list contains only invalid values.

Severity

00

CKR0415 **Duplicate event *event* while parsing *eventname***

Explanation

While parsing a "select event<>" clause the indicated *event* was found to be specified twice. The second specification was *eventname*. This happens most often when an event was specified both by name or number, or as part of a predefined group of events (for example, ALLSVC). If it is unclear which other specification *eventname* is in conflict with, you can move the *eventname* specification to the beginning of the clause, and run the query again. The resulting CKR0415 message should then show the other *eventname* in the conflict. If the duplicate specification is intended (for example, event<>(ALLSVC(success),RACINIT(warning))), you should move one of the two to a separate event<> clause in your select.

Severity

12

CKR0416 **Duplicate type number *value***

Explanation

This message indicates that a type code was used twice in a value list of the TYPE keyword of the SELECT or EXCLUDE command.

Severity

12

CKR0417 **Expected (or =, ¬= or <> relational operator before *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the program did not find the relational operator =, ¬=, or <> or the opening parenthesis of a value list in a SELECT or EXCLUDE command. Larger than/smaller than operators, and field-compare operators, are not allowed here.

Severity

12

CKR0418 **SMF input terminated, limit SMFIN reached**

Explanation

This message indicates that zSecure Audit has stopped reading SMF records because the input limit defined by the SMFIN parameter of the LIMIT command has been reached. This message is for informational purposes only and does not indicate an error.

Severity

00

CKR0419 **SMF input terminated, all OUTLIM limits reached**

Explanation

This message indicates that zSecure Audit has stopped reading SMF records because the output limit defined by the OUTLIM parameter of the NEWLIST command has been reached for all NEWLISTS of TYPE=SMF.

Severity

00

CKR0420 **Warning: ALLOC NJENODE= *node1* differs from CKFREEZE node *node2* for complex *complex***

Explanation

The NJE node on the ALLOC statement will be used instead of the actual node. This means that the commands will not be routed to the node they have

been generated for, unless you are quite sure the node is now called by the name specified on the ALLOC statement.

Severity

00

CKR0421 **Pattern *pattern* not allowed at *ddname* line *number***

Explanation

This message indicates a string containing wildcard characters was used where it is not allowed, for example, for a substring scan or a field for which pattern searches are not supported.

Severity

12

CKR0422 **Expected clause following *operator***

Explanation

This message indicates that a select clause ended with *operator*, where *operator* is AND or OR. An AND or an OR should be followed by another select clause.

Severity

12

CKR0423 **List of *type* values not allowed**

Explanation

This message indicates that a list of values was used with the *type* (TIME or DATETIME) keyword of the SELECT or EXCLUDE command. This is not allowed; use a range of values (two values separated by a colon) or multiple clauses concatenated by ORs instead.

Severity

12

CKR0424 **Warning: Ambiguous AND/OR usage, please use parentheses to indicate desired grouping**

Explanation

This message indicates that a SELECT/EXCLUDE or WHERE clause was ambiguous, and will be resolved left to right. This may not be desired; use parentheses around AND/OR clauses to indicate the desired grouping.

Severity

04

CKR0425 **Field "*field-name*" to be processed not valid for NEWLIST TYPE=*list-type* at *ddname* line *number***

Explanation

The output field you requested on the LIST, SORTLIST, DISPLAY, or SUMMARY command has not been defined for the NEWLIST of type *list-type*. Verify the spelling. If *list-type* is equal to *deftype*, then that is not the newlist type itself, but indicates that the error occurred in a newlist defined with a DEFTYPE statement.

Severity

12

CKR0426 **Unknown descriptor type *hex-value* in CKASMFI**

Explanation

This message indicates that an internal error occurred in the selection of fields in a SMF record. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR0427 ***nn* SMF records read, *nn* SMF records selected (*nn*%)**

Explanation

This message indicates the number of SMF records read and the number and percentage that were selected.

Severity

00

CKR0428 **[*reason*] input OPEN failed *ddname volser datasetname***

Explanation

This message indicates that *ddname* was allocated but could not be opened for input. Check the DD statement for *ddname*, correct the error and submit the job again. The *type* shown is the newlist type for which the file was required; it is either **SMF** or the name of a newlist type defined with a DEFTYPE statement. For a DEFTYPE type file, no automatic scoping of the file contents is supported. Therefore, unconditional access to the file is required. If it can only be read via PADS, the reason will indicate that.

Severity

16

CKR0429 **SMF unload OPEN failed *ddname volser datasetname***

Explanation

This message indicates that *ddname* was allocated but could not be opened for output. Check the DD statement for *ddname*, correct the error and submit the job again.

Severity

16

CKR0430 **No *type* input files could be opened**

Explanation

This message indicates that no input files could be opened for newlist type *type*, either because no ddnames were allocated or because none of the allocated ddnames could be opened for input. Check the DD statements and submit the job again. The *type* shown is either **SMF** or the name of a newlist type defined with a DEFTYPE statement.

Note that this message can also occur when ALLOCATE SMF ACTIVE was specified and system runs without active SMF recording.

Severity

12

CKR0431 **Error in conversion of bitfield *string***

Explanation

This message indicates that an error occurred during conversion of a bitfield. Bitfields may consist of the characters 0, 1, and "." (don't-care).

Severity

12

CKR0432 **Format *format* not supported for selection - field *field source***

Explanation

This message indicates that the indicated *field* was used for SELECT/EXCLUDE processing; the field can only be used for output in the current NEWLIST type. The NEWLIST types for which this error message may occur support the selection of strings, bitfields, and numbers. Some field types like time zones can only be used for output.

Severity

12

CKR0433 **SUMMARY and LIST type commands without a prior NEWLIST are not supported for *program* product code *code***

Explanation

SUMMARY, DSUMMARY, DISPLAY, LIST and SORTLIST commands are only valid within the context of a NEWLIST, unless the program is enabled to read a RACF database.

If you are using the IBM Security zSecure Manager for RACF z/VM product and this error occurs, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKR0434 **Expected decimal value instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that a non-decimal value was encountered where a decimal value was expected.

Severity

12

CKR0435 **Value *number* (decimal| hexadecimal) above maximum of *maximum***

Explanation:
Either a decimal or hexadecimal number was read that is too large to fit the field.

Severity

12

CKR0436 **Meaning of DDNAME keyword has changed, use SMFDD instead - at *ddname* line *number***

Explanation

This message indicates that a query used the NEWLIST TYPE=SMF keyword DDNAME. The meaning of this keyword has changed; use SMFDD instead.

Severity

12

CKR0437 **SMF input terminated by user attention request**

Explanation

This message indicates that input processing for NEWLIST TYPE=SMF was terminated because the user pressed the attention key. Output will be generated for the records processed so far.

Severity

00

CKR0438 **SMF input terminated: out of memory**

Explanation

Input processing for NEWLIST TYPE=SMF was terminated because the program ran out of memory. Output will be generated for the records processed so far. To process more input, perform either of the following tasks:

- Create more restrictive SELECT/EXCLUDE statements.
- Increase the MEMLIMIT (for 64-bit processing mode/CKR8Z*).
- Increase the REGION size (for 31-bit processing mode/CKR4Z*).

Severity

08 (unless changed by the MSGRC parameter of the OPTION statement)

CKR0439 **PERMISSIONS of ALLOW and LOG are mutually exclusive with PREVENT**

Explanation

Selection of ACF2 data set access rules on an access level of PREVENT cannot be combined with selection on other access levels, at least not on the same PERMISSIONS keyword.

Severity

12

CKR0440 **Field '*field-name*' may not be used for select/exclude processing, use '*field-name2*' instead**

Explanation

This message indicates that a select clause for the NEWLIST TYPE=SMF tried to use the field *field-name*, which can only be used for output. In some cases, an alternative field *field-name2* is suggested.

Severity

12

CKR0441 **Field '*field*' may not be used in compare operations**

Explanation

The indicated *field* may not be used in a field vs field compare operation in the NEWLIST TYPE=SMF. Normal field-value comparisons are allowed.

Severity

12

CKR0442 **Resource deletion: Migrated related name MIGRAT *dsname catalog***

Explanation

This message indicates that a migrated data set name present in the HSM MCDS has a high level qualifier that should be deleted. It is however a related name for another data set name, that usually will have the same first qualifier. Any non-VSAM entries in the catalog for this name should be deleted automatically by HSM

when the base name is deleted. No specific command is being generated.

Severity

00

CKR0443 ***event* appdat *identity* general resource profile *class key***

Explanation

This message is issued with event equal to **Undefined** due to a VERIFY PERMIT command, and with event equal to **Remove** due to a REMOVE PERMIT/USER command. It means that the identity to be removed occurs in the APPLDATA field. This message is only issued for the TMEADMIN class. To solve the condition an RDEL command will be generated to remove the entire profile.

Severity

04

CKR0444 **ACL field invalid on SUMMARY/ DSUMMARY, use USERID - at *ddname* line *number***

Explanation

This message indicates that a summary cannot be performed on the special-purpose field ACL.

Severity

12

CKR0444 ***field* field invalid on SUMMARY/ DSUMMARY - at *ddname* line *number***

Explanation

This message indicates that a summary should not be performed on the special-purpose field *field*.

Severity

12

CKR0445 **Expansion for static system symbol too long: *hex***

Explanation

This message indicates that an unexpected layout of the system symbol table was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0446 **Expansion for static system symbol exceeds record: *hex***

Explanation

This message indicates that an unexpected layout of the system symbol table was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0447 **Name of static symbol too long: *hex***

Explanation

This message indicates that an unexpected layout of the system symbol table was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0448 **Name of static system symbol exceeds record: *hex***

Explanation

This message indicates that an unexpected layout of the system symbol table was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0449 **Duplicate static system symbol definition: *var* already *val* ; *dupval* ignored.**

Explanation

This message indicates that a duplicate system symbol definition was encountered. The new value is ignored. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0450 **Started processing *type pads* file *ddname volser dsn***

Explanation

This message indicates that processing of SMF or Top Secret Security ATF input file *ddname* has started. In addition, it can indicate in *pads* by the text PADS that access to the data was allowed by virtue of a conditional access. If this is the case, then zSecure Audit will restrict functionality to the user's scope.

Severity

00

CKR0451 **SMF processing at DDname *ddname* and RecNo *recno***

Explanation

This message is printed in case of an abend. It indicates the ddname and record-number of the record being processed at the time of the abend.

Severity

00

CKR0452 **SMF records were processed for the following systems: *version complex-name system-name* from *start-date start-time* to *end-date end-time note***

Explanation

This multiple-line message is printed after SMF processing has finished; it indicates the date and time of the earliest and latest records processed for each system-id encountered. A *note* with the text **(No CKFREEZE file)** may be shown if no CKFREEZE file was related to the SMF ID. The *note* can also indicate the number of records processed. This message is for informational purposes only and does not indicate an error.

Severity

00

CKR0453 **Static system symbol table skipped: *num* entries claimed, but record too small**

Explanation

This message indicates that the system symbol table had a length that did not fit the CKFREEZE record length. Run zSecure Collect again with a greater LRECL for the CKFREEZE data set. If this is at the maximum, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0454 **SMFCACHE job tag system enabled but not useful - now disabled**

Explanation

This message indicates that the job tag system was turned off because it was not useful: the JOBID, USER, GROUP and TERMINAL keywords were not used in the selection (SELECT, EXCLUDE) or display (LIST, SORTLIST, DISPLAY) commands.

Severity

00

CKR0455 **SMFCACHE used *size* KB but had to skip *skipped-number* records and still had *cached-number* records cached for *number* out of *full-number* job tags**

Explanation

This message is printed to report statistics if the job tag system was turned on during SMF processing. It is suppressed when OPTION RESTART_INTERVAL is active, unless SMFCACHE VERBOSE is also in effect. The message prints the following values:

size
The amount of memory that was used.

skipped-number
The number of records that were skipped because the cache was full.

cached-number
The number of records that were not completed after the last record was read.

number
The number of incomplete job tags.

full-number
The overall number of job tags.

The job tags persist across a RESTART; the cache does not. The records that were not completed and skipped were processed without RACF information.

For more information, see section "SMFCACHE" in *zSecure CARLa Command Reference*.

Severity

00

CKR0456 **SMFCACHE incomplete job tag *job-tag* with *cached-num* records cached and *skipped-num* skipped**

Explanation:
This message is due to SMFCACHE VERBOSE. One of these messages is printed for each job tag that was incomplete at the end of SMF processing with any cached or skipped records during the last restart interval. It indicates the affected job, the amount of records that was cached at end-of-file, and the number of records that was skipped because the cache was full. (These records were processed without RACF information).

Severity

00

CKR0457 **SMFCACHE completed job tag *job-tag* with *cached-num* records cached and *skipped-num* skipped**

Explanation

This message is due to SMFCACHE VERBOSE. One of these messages is printed for every job tag that is complete and has cached some records. *skipped-num* indicates the number of records that was skipped because the cache was full. (These records were processed without RACF information.)

Severity

00

CKR0458 **SMF RACF command *item* display truncated at *ddname* record *number***

Explanation

The display indicated is too large for its buffer; this can be either a **command** or a **command parameter** display as indicated by *item*.

Severity

08

CKR0459 **ICHNCV00 simulate (system=*sys*) internal error: *message***

Explanation

This message indicates a failure in the simulation of the naming convention table, ICHNCV00. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKR0460 **Horizontal and dump format cannot be combined on one field - *field* at *ddname* line *number***

Explanation

The DUMP output modifier and the HORIZONTAL output modifier may not be combined.

Severity

12

CKR0461 ***number* SMF [type *rectype*] records were lost on system *system-id* from *date time***

Explanation

This message is printed when an SMF record of type 7 is processed. It indicates that SMF records were lost on the system that generated the SMF file. It does not indicate an error in zSecure Audit or in SMF processing. If *rectype* is present, type *rectype* records were dropped due to SMF record flood options. Because some records were lost, the input to zSecure Audit might be incomplete. Any events that occurred during the recording gap cannot be audited.

Severity

00

CKR0462 **Expected (or =, ¬=, <>, ==, ¬==, or <<>> relational operator before *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that zSecure did not find the relational operator =, ¬= or <>, the field-compare operator ==, <<>>, or ¬==, or the opening parenthesis of a value list in a SELECT or EXCLUDE command. Larger than/smaller than operators are not allowed here.

Severity

12

CKR0463 **Expected (or =, ¬=, <>, <, >, <=, or >= relational operator before *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that zSecure did not find the relational operator =, ¬=, <>, <, >, <=, or >=, or the opening parenthesis of a value list in a SELECT or EXCLUDE command. Field-compare operators are not allowed here. For additional information, see the *SELECT/EXCLUDE - Field compare* documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR0464 **Substring offset must be >= 1**

Explanation

This message indicates that zSecure found an invalid substring offset in a SELECT or EXCLUDE command. The SUBSTRING operation requires an offset (the second SUBSTRING parameter) of at least 1.

Severity

12

CKR0465 **Substring maxlen may not be zero**

Explanation

This message indicates that zSecure found an invalid substring maximum length in a SELECT or EXCLUDE command. If a maximum length is specified with a SUBSTRING operation, for example, SUBSTRING(*field,offset,maxlen*), the maximum length must be at least 1. Omit the maximum length altogether to select until the end of the field, for example, SUBSTRING(*field,offset*).

Severity

12

CKR0466 **Substring endpos may not be before start**

Explanation

This message indicates that zSecure found an invalid substring end position in a SELECT or EXCLUDE command. If a maximum length is specified with a SUBSTRING operation, for example, SUBSTRING(*field,offset*:*endpos*), the end position must be equal to, or larger than, the start position (offset). Omit the end position altogether to select until the end of the field, for example, SUBSTRING(*field,offset*).

Severity

12

CKR0467 ***operation* not allowed with *format* field *name* at *ddname* line *number***

Explanation

This message indicates that zSecure found a manipulation operation that is specified for a field value that does not have the right format. An EXTRACTDN operation can be applied only to a distinguished name in X.509-DN format. Some CONVERT operations only work on a particular date format. The other operations can be applied only to character-format fields.

Note: When field value operation functions are nested, the format that is shown might be an intermediate result. For example, the resulting format after EXTRACTDN is Char, so the function can be applied only once.

Severity

12

CKR0468 **DDNAME *ddname* is in NOA status, and cluster name *cluster name* is not defined in the FDR - allocation failed**

Explanation

During an attempt to dynamically allocate an active ACF2 backup data set, the program found that the data set was not allocated by ACF2 because it had been overridden by a DD DUMMY specification in the ACF2 startup JCL. When subsequently trying to retrieve the data set name from the eligible ACF2 database clusters defined in the ACFDR, the program discovered that either the currently active database cluster was not defined in the ACFDR, or the indicated cluster did not have a data set defined for the function indicated by *ddname*. This implies that the program cannot determine which data set to allocate.

Severity

16

CKR0469 **Compare fields may not both be repeated [- *field1* and *field2*] at *ddname* line *number***

Explanation

This message indicates that the program found an invalid compare operation in a SELECT or EXCLUDE command. When two fields are compared (i.e. a field-field compare instead of a field-constant compare), at most one of the fields may be a repeat-group field. The compare operation attempted to compare two repeated fields, which is not supported.

Severity

12

CKR0470 **Fields to be compared must have the same format [- *field1* and *field2*] at *ddname* line *number***

Explanation

This message indicates that the program found an invalid compare operation in a SELECT or EXCLUDE command. When two fields are compared (i.e. a field-field compare instead of a field-constant compare), the fields must have an equivalent format, for example, both character-format or both numerical. The compare operation attempted to compare two fields with a different format, which is not supported.

Severity

12

CKR0471 **Duplicate data set on SMS managed volumes *volser dsname***

Explanation

During the comparison of library versions the same data set name was encountered on more than one SMS managed volume. This is not supported.

Severity

08

CKR0472 **Conversion to SMS managed assumed for data set *dsname***

Explanation

During the comparison of library versions in multiple CKFREEZE files a data set name was encountered first on a non-SMS managed volume and later on an SMS managed volume. It is assumed that the volume or data set was converted to SMS.

Severity

00

CKR0473 **READ-sensitive DATASET protection not CS1-compliant *dsname* - change profile**

Explanation

A data set with confidential data part of the Trusted Computing Base or designated as sensitive through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to adjust the protection to the required level while minimizing the impact on other data sets; a fully qualified generic is used to achieve this. Note that this may imply a reduction of the UACC.

Severity

04

CKR0474 **READ-sensitive DATASET protection not CS1-compliant *volser dsname***

Explanation

A data set with confidential data part of the Trusted Computing Base or designated as sensitive through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to adjust the protection of the discrete profile to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0475 **UPDATE-sensitive DATASET protection not CS1-compliant *dsname* - modify profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to updates through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to adjust the protection to the required level while minimizing the impact on other data sets; a fully qualified generic is used to achieve this. Note that this may imply a reduction of the UACC.

Severity

04

CKR0476 **UPDAT-sensitive DATASET protection not CS1-compliant *volser dsname* - modify profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to updates through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to adjust the protection of the discrete profile to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0477 **ALTER-sensitive DATASET protection not CS1-compliant *dsname* - modify profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to ALTER access through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. Usually this is limited to ICF catalogs. A command is generated to adjust the protection to the required level while minimizing the impact on other data sets; a fully qualified generic is used to achieve this. Note that this may imply a reduction of the UACC.

Severity

04

CKR0478 **ALTER-sensitive DATASET protection not CS1-compliant *volser dsname* - modify profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to ALTER access through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. Usually this is limited to ICF catalogs. A command is generated to adjust the protection of the discrete profile to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0479 **Global access to sensitive dataset not CS1-compliant *volser dsname***

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile, because the access granted through the Global Access Table is too high. A command is generated to adjust the Global Access Table to the highest level still allowed. Note that this will imply a reduction of the availability of the data set to users.

Severity

04

CKR0480 **READ-sensitive DATASET protection not CS1-compliant *volser dsname* - add profile**

Explanation

A data set with confidential data part of the Trusted Computing Base or designated as sensitive through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to create a new fully qualified generic profile, using the current generic profile covering the data set; the protection of the new profile is adjusted to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0481 **UPDAT-sensitive DATASET protection not CS1-compliant *volser dsname* - add profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to updates through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to create a new fully qualified generic profile, using the current generic profile covering the data set; the protection of the new profile is adjusted to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0482 **ALTER-sensitive DATASET protection not CS1-compliant *volser dsname* - add profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to ALTER access through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. Usually this is limited to ICF catalogs. A command is generated to create a new fully qualified generic profile, using the current generic profile covering the data set; the protection of the new profile is adjusted to the required level. Note that this may imply a reduction of the UACC.

Severity

04

CKR0483 **READ-sensitive data set unprotected *volser dsname* - add profile**

Explanation

A data set with confidential data part of the Trusted Computing Base or designated as sensitive through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to create a new fully qualified generic profile; the protection of the new profile is set to the required level.

Severity

04

CKR0484 **UPDATE-sensitive data set unprotected *volser dsname* - add profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to updates through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. A command is generated to create a new fully qualified generic profile; the protection of the new profile is set to the required level.

Severity

04

CKR0485 **ALTER-sensitive data set unprotected *volser dsname* - add profile**

Explanation

A data set containing part of the Trusted Computing Base or designated as sensitive to ALTER access through the SIMULATE SENSITIVE command is not protected as prescribed by the CS1 (Commercial Security 1) protection profile. Usually this is limited to ICF catalogs. A command is generated to create a new fully qualified generic profile; the protection of the new profile is set to the required level.

Severity

04

CKR0486 **FIELDVAL may only be used for Select/Exclude - at *ddname* line *number***

Explanation

The FIELDVAL field in NEWLIST TYPE=SMF may only be used for SELECT/EXCLUDE processing; it was used in a LIST, SORTLIST, or (D)SUMMARY command, which is not allowed.

Severity

12

CKR0487 **Defined variable *name* (type=*type*) is not boolean/as/true, may not be used in clause**

Explanation

The indicated variable was used in a SELECT/EXCLUDE or WHERE clause, but was not a boolean or field-based define. This is not allowed.

Severity

12

CKR0488 **Newlist [name=*name*] type=*type* suppressed for *reason* at *ddname* line *number***

Explanation

The indicated NEWLIST is suppressed for the indicated reason:

restricted mode
A NEWLIST with option UNRESTRICTED is run by a user in restricted mode.

not being auditor
A NEWLIST with option RESTRICT_AUDITOR is run by a user who is not a system-wide auditor.

Processing for the not-suppressed NEWLISTs will continue.

Severity

00

CKR0489 **NEWLIST TYPE=PPT request for system *system* not supported for live system or non-APF CKFREEZE**

Explanation

The NEWLIST TYPE=PPT for the indicated *system* could not generate any output; this NEWLIST type requires a CKFREEZE file generated by an APF-authorized run of zSecure Collect.

Severity

00

CKR0490 **$CAT size *size* (decimal) not supported in newlist type=JOBCLASS**

Explanation

The NEWLIST TYPE=JOBCLASS does not support the JES2 $CAT table size found. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Submit an error report containing the indicated *size* and your MVS and JES2 levels.

Severity

16

CKR0491 **Convert(..,*inputformat*,*internalformat*) is not a supported combination**

Explanation:
The conversion specified in a DEFINE ... CONVERT statement is not supported in this edition of the product.

Severity

12

CKR0492 **Field value manipulation or lookup not allowed in TYPE=RACF select clause - variable *name***

Explanation

Certain field value manipulations (CONVERT, PARSE, WORD) and field lookups are not allowed on select/exclude statements in NEWLIST TYPE=RACF if similar or other field value manipulations are also present in the DEFINE for the variable. Note that using SUBSTRING is allowed.

User response

Move all the manipulations to one DEFINE.

Severity

12

CKR0493 **Boolean variable *name* may not be used as right-hand side of compare**

Explanation

While a boolean variable may be used in a SELECT statement, it may not be used at the right-hand side of a field-field compare.

Severity

12

CKR0494 **Substring operation not allowed on boolean variable *name***

Explanation

A substring function cannot operate on a defined variable of type BOOLEAN.

Severity

12

CKR0495 **Concatenation of unloads in file *ddname* is not supported - stopping after 1st one**

Explanation

Multiple unloads must be allocated to separate ddnames, they cannot be concatenated.

Severity

12

CKR0496 **Warning: database for *complex* processed with settings from system *system* [*version*]**

Explanation

The RACF database of *complex* does not match the *system* to which the in-storage settings used for it refer. (This message only pertains to FUNCTION=MAIN or FUNCTION=BASE.)

Severity

00

CKR0497 **Restricted mode does not allow using settings from any other system than *complex* [*version*]**

Explanation

The RACF database of *complex* does not match the *system* to which the in storage setting used for it refer, and this is not allowed in restricted mode.

Severity

12

CKR0498 **Warning: database for *complex* processed with settings from *system***

Explanation

The RACF database of *complex* does not match the *system* to which the in storage settings used for it refer. (This message only pertains to FUNCTION=MERGE.)

User response

Explicitly partition the input data sets through use of the COMPLEX and VERSION keywords to represent the actual configurations in use.

Severity

00

CKR0499 **Invalid cell in VVDS record for *component* cluster *name***

Explanation

Parsing unexpectedly encountered the end of a VVDS cell.

Severity

08

CKR messages from 500 to 599

CKR0500 **Define for variable *variable* (type=*type*) at *ddname* line *number* conflicts with define at *ddname* line *number***

Explanation

This error message indicates that two statistic variables with identical names were defined within the same NEWLIST. This is not allowed.

Severity

12

CKR0501 **Define for variable *variable* (type=*type*) at *ddname* line *number* overrides define at *ddname* line *number***

Explanation

This warning message indicates that a statistic variable was defined within a NEWLIST that has the same name as a statistic variable defined in a previous NEWLIST. The new definition overrides the old one; this may not be intended.

Severity

00

CKR0502 **DISPLAY only contains repeat or detail fields, 1st level display would be empty for newlist at *ddname* line *number***

Explanation

This error message indicates that a DISPLAY command did not contain any fields that could be displayed at the 1st level display. This is not allowed; include a non-repeated or non-detail field in the DISPLAY. If you specified the NEWLIST parameter DETAIL, use the output modifier NODETAIL on at least one non-repeated field.

Severity

12

CKR0503 **Duplicate threshold specification before *token* at *ddname* line *number***

Explanation

This error message indicates that more than one threshold output modifier was used for the same field. This is not allowed.

Severity

12

CKR0504 **Summary invalid in merged newlist at *ddname* line *number***

Explanation

In the current version of zSecure, a SUMMARY command may not be used in a merged NEWLIST.

Severity

12

CKR0505 **Compound summary at level *number* cannot contain repeat group value "*field-name*" at *ddname* line *number***

Explanation

In the current version of zSecure, a compound summary key must consist of non-repeat groups. This error message indicates that the repeat-group field of type *field-name* is part of a compound summary key.

Severity

12

CKR0506 **Variable *name* at *ddname* line *number* defined with lookup - invalid with type=RACF LIST commands**

Explanation

Variable *name* was defined using a lookup operator. For NEWLIST TYPE=RACF, such variables may not be used in LIST commands. Use SORTLIST or DISPLAY instead.

Severity

12

CKR0507 **Asterisk list operator is only valid on SUMMARY commands**

Explanation

This error message indicates that the asterisk (*) list operator was used in a LIST, SORTLIST, or DISPLAY command. It may only be used in a SUMMARY or DSUMMARY command.

Severity

12

CKR0508 **ENDMERGE missing**

Explanation

This error message indicates that a merged NEWLIST was started but not ended.

Severity

12

CKR0509 **ENDMERGE without MERGELIST**

Explanation

This error message indicates that an ENDMERGE command was found (which normally ends a merged NEWLIST), but no previous MERGELIST command was found to start the merged NEWLISTs.

Severity

12

CKR0510 **Target field *field-name* (type=*type*) undefined for define *statistic-name* at *ddname* line *number***

Explanation

This error message indicates that a statistic variable was defined that has a target field which does not exist or has not been defined.

Severity

12

CKR0511 **ENDMERGE missing before ENDBUNDLE**

Explanation

This error message indicates that an ENDBUNDLE command was found, in a sequence of BUNDLE - MERGELIST - ENDBUNDLE. There should be an ENDMERGE command in this sequence.

Severity

12

CKR0512 **Target field *field-name* (type=*type*) found at *ddname* line *number* does not have the required where clause for define *statistic-name* at *ddname* line *number***

Explanation

This error message indicates that the statistic variable defined as the target for another variable does not have a WHERE clause. Since the purpose of a target variable is that WHERE clauses are shared, the target must have such a clause.

Severity

12

CKR0513 **Use of *function* is not licensed for IBM Security zSecure product code *code***

Explanation

The function indicated (either a command or a parameter) is not licensed for the product used. For example, if IBM Security zSecure Admin is running without zSecure Audit on a z/OS system, this configuration is not licensed to use the NEWLIST TYPE=SMF command. For a description of the product *codes*, see the documentation for the NEWLIST LICENSE parameter in the *zSecure CARLa Command Reference*.

Severity

12

CKR0514 **Variable *statistic-name* at *ddname* line *number* not defined as Boolean, Subselect, or As - invalid on LIST commands**

Explanation

This error message indicates that a summary statistic variable was used on a LIST, SORTLIST, or DISPLAY command. This is not allowed; these variables may only be used with (D)SUMMARY.

Severity

12

CKR0515 **WHERE clause invalid for define *statistic-name* (type=*type*) at *ddname* line *number* because target *target-variable* already has one**

Explanation

This error message indicates that a statistic variable with a target variable also has its own WHERE clause. This is not allowed; if the target variable has a WHERE clause it is automatically inherited, and cannot be overridden. To create two variables with differing WHERE clauses, write two separate defines, both with a WHERE clause, and remove the WHERE clause from the target variable.

Severity

12

CKR0516 **Summary level *number* must have at least one summary key and key cannot be a defined var or lookup - newlist at *ddname* line *number***

Explanation

This error message indicates that the (D)SUMMARY command of the indicated NEWLIST contained a summary level without a key-variable. This is only allowed in the topmost (leftmost) summary level. Valid summary key-variables are fields, not defined statistics and lookup-variables.

Severity

12

CKR0517 **WRAP invalid because column length 0 and not the last in line or column floating - field *field* at *ddname* line *number***

Explanation:
This error message indicates that the WRAP output modifier was used in combination with an overriding length of zero for a column not last in line, or where another column with overriding length 0 (that is, variable length) was present on the line. Since the purpose of *field*(WRAP,0) is to fill up the rest of the output line, this is only allowed for the last column in a line.

Severity

12

CKR0518 **LIST not allowed for NEWLIST *option***

Explanation

This error message indicates that a LIST command was used with NEWLIST *option*. This is not allowed with the NEWLIST option indicated; use SORTLIST or DISPLAY instead.

Severity

12

CKR0519 **Option only allowed for (D)SUMMARY - *option-name* at *ddname* line *number***

Explanation

This error message indicates that summary option *option-name* was used with a LIST, SORTLIST or DISPLAY command. The indicated option may only be used with the SUMMARY and DSUMMARY commands.

Severity

12

CKR0520 **Merged NEWLIST at *ddname* line *number* must use same LIST family member as NEWLIST at *ddname* line *number***

Explanation

All NEWLISTs within a MERGELIST/ENDLIST pair should use the same output command: either DISPLAY or SORTLIST. This was not the case for the two newlists indicated.

Severity

12

CKR0521 **SUPPRESS CKFREEZE ignored for restricted mode NEWLIST TYPE=SMF**

Explanation

When a NEWLIST TYPE=SMF is used in restricted mode (i.e. in PADS mode, with a NEWLIST SCOPE, or with SIMULATE RESTRICT), you may not use the SUPPRESS CKFREEZE command, because that would allow the user to circumvent restriction checking for VSAM components. Note that IOCONFIG is an alias of CKFREEZE.

Severity

00

CKR0522 **Program was terminated by attention**

Explanation

The program was terminated because the ATTN key was pressed.

Severity

12

CKR0523 **Group tree loop with *num* elements *type1 id1* has *type2 id2* as owner**

Explanation

This message is issued due to a VERIFY GROUPTREE command. The message indicates the size of the loop in the group tree; the run-on messages indicate all users and groups in the loop; *type* is user or group, and *id* indicates the RACF user ID or group ID.

Severity

08

CKR0524 **Program was terminated due to storage shortage - increase *keyword***

Explanation

The program was terminated because of a storage (memory) shortage. The value of *keyword* (REGION or MEMLIMIT) indicates the parameter that is most likely to help when increased.

User response

Try increasing the *keyword* size and running the program again.

Severity

12

CKR0525 **Contents of CKRSITE module: *contents***

Explanation

This message is printed as the result of a SHOW CKRSITE command. *contents* displays the relevant portions of the CKRSITE module.

Severity

00

CKR0526 **CKRSITE class *class* not found in CDT for complex *complex***

Explanation

This message indicates that the class used for CKGRACF profiles, which is set in the CKRSITE module, could not be found in the Class Descriptor Table. Most likely, this indicates an installation error.

Severity

12

CKR0527 **Subselect of field *field* not supported**

Explanation

This message indicates that a variable was defined as a subselect of the indicated *field*, but that subselects of this field are not supported. In the current version of zSecure, the only fields where a subselect is allowed are ACL, CUSTOM_DATA, and USR. See the DEFINE command for further information.

Severity

12

CKR0528 **Subselect of "*field*" in "*group*" not allowed**

Explanation

This message indicates that in a subselect of *group* (either ACL, CUSTOM_DATA, or USR), a *field* was used that is not supported in the subselect. See the DEFINE command for a table of fields that are supported.

Severity

12

CKR0529 **Invalid ACCESS VALUE "*value*" at *ddname* line *number***

Explanation

The access *value* specified at the indicated *ddname* is invalid.

Severity

12

CKR0530 ***kind* only valid in PARM string *type* "*value*" at *ddname* line *number***

Explanation

The *kind* parameter of the ALLOCATE command must be specified in a parameter string. The *kind* parameter can be any of these values:

ERRDD
INDD
LETRAPOFF
LETRAPON
NOBSAMBPAM
NOCLEANUP
NOCLOSE
NODCBE
NODUMP
NOESTAE
NOLE
OUTDD
STORAGEGC
TEXTPIPE
UMASK

User response

When specifying this parameter, include the ALLOCATE command in the PARM= parameter in the batch JCL.

Severity

12

CKR0531 **Summary of exploded field "*field*" not allowed at *ddname* line *number***

Explanation

The EXPLODE output modifier may not be used in a (D)SUMMARY command. The RESOLVE and EFFECTIVE output modifiers (which are a different type of EXPLODE) may also not be used.

Severity

12

CKR0532 **Warning: global define for variable *field* (type=*type*) at *ddname* line *number* overrides local define at *ddname* line *number***

Explanation

This warning message indicates that a local define for the indicated variable *field* was overridden by a global define.

Severity

00

CKR0533 **Reporting on the in-storage resource rule directories is not supported for system *system***

Explanation

The required information cannot be accessed, because it is in fetch protected storage. As a partial circumvention, you can allocate a CKFREEZE created by an APF run of zSecure Collect. However, even such a CKFREEZE contains information about only a select few resource rule directories, so the report will be incomplete even in that case.

Severity

04

CKR0534 **Indent base *base* not found behind field at *ddname* line *number***

Explanation

The indicated *base* field used by the INDENT output modifier was not specified on the same (SORT)LIST or DISPLAY command. It must be specified behind the indented field. The NONDISPL output modifier may be used to keep the base field from being printed.

Severity

12

CKR0535 **Create of group *group* requested, but group already defined**

Explanation

This message indicates that the indicated *group* to be added by the COPY or MOVE command was already defined; no ADDGROUP command will be generated.

Severity

12

CKR0536 **Create of userid *user* requested, but user already defined**

Explanation

This message indicates that the indicated *user* to be added by the COPY or MOVE command was already defined; no ADDUSER command will be generated.

Severity

12

CKR0537 **Maximum group nesting depth of 255 exceeded at group *id* - run VERIFY GROUPTREE to check for group loops**

Explanation

During processing of group-tree depths, the maximum depth of 255 was reached for the indicated group. This may be caused by a loop in the group-tree structure, which can be found using VERIFY GROUPTREE. It may also be caused by a group-tree that is more than 255 groups deep; this condition is not supported by IBM Security zSecure Admin and Audit for RACF.

Severity

16

CKR0538 **Group SYS1 not found, check SELECT/EXCLUDE statements**

Explanation

This message was issued due to a VERIFY GROUPTREE command and indicates that group SYS1 was not found. The VERIFY command was

not processed. This message may be due to global SELECT/EXCLUDE processing, excluding group SYS1. If not, it indicates a serious problem in the RACF database, since group SYS1 is required.

Severity

12

CKR0539 **ALLOC PRIMARY/BACKUP/ INACTIVE invalid for specified type - before *token* at *ddname* line *number***

Explanation

This message indicates an invalid ALLOC command. The options PRIMARY, BACKUP, INACTIVE are all invalid with the type specified on the command. The only live option that is valid is ACTIVE.

Severity

12

CKR0540 **OPEN *abend-type* on file *ddname***

Explanation

An abend of the indicated *type* occurred when opening a TYPE=CKFREEZE file with the indicated *ddname*.

Severity

16

CKR0541 **OPEN *abend-type* on file *ddname***

Explanation

An abend of the indicated *type* occurred when opening a TYPE=UNLOAD file with the indicated *ddname*.

Severity

16

CKR0542 **CONNECT field must be used in a lookup - at *ddname* line *number***

Explanation

The CONNECT field may not be used by itself in a (SORT)LIST or (D)SUMMARY command; if it is used, it must be based on an indirect reference to USERID when displaying a group profile, or based on an indirect reference to CONGRPNM or CGGRPNM when displaying a user profile.

Severity

12

CKR0543 **More than 7 JES subsystems not supported - VERIFY/REPORT STC in error for *ddname* system *smfid* [*version*] [-*generation*]**

Explanation

This message is generated by the **VERIFY STC** or **REPORT STC** command, or newlist types COMPLIANCE, ID, or TRUSTED. It indicates that a system was analyzed with more than 7 JES2 or JES3 subsystems. zSecure does not support this. The requested report(s) will be wrong or incomplete regarding started tasks or STC or TSO procedure libraries for the indicated system.

Severity

16

CKR0544 **LX too high! LXAT index=*index* (hex) for LX=*val* (hex) jobname *jobname*; maximum is *val2* (dec)**

Explanation

This message is generated by the NEWLIST TYPE=PC (Program Call report). It indicates an internal error, or an inconsistency in a CKFREEZE file. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR0545 **NEWLIST TYPE=PC request for system *system*, but no PC data available. Perhaps old or non-APF CKFREEZE**

Explanation

This message is generated by the NEWLIST TYPE=PC (Program Call report). It indicates that a Program Call report was requested for the indicated *system*, but that Program Call data were not available. Check the CKFREEZE file used; the Program Call report requires an APF-authorized zSecure Collect run with a focus including zSecure Audit.

Severity

00

CKR0546 **NEWLIST TYPE=PC CKFREEZE data incomplete for SYSTEM *system***

Explanation

This message is generated by the NEWLIST TYPE=PC (Program Call report). It indicates that the CKFREEZE for that system was not made with a sufficiently recent zSecure Collect with support for ASN-and-LX reuse support. When issued on a system running an older z/OS release, this indicates an internal error, or an inconsistency in a CKFREEZE file.

Severity

20

CKR0547 **NEWLIST TYPE=MSG requested but no MPFT found. Possibly old CKFREEZE**

Explanation

This message is generated by the NEWLIST TYPE=MSG (MPF report). It indicates that an MPF report was requested, but that MPF data were not available. Check the CKFREEZE file used; the MPF report requires an APF-authorized zSecure Collect run with a focus including zSecure Audit.

Severity

04

CKR0548 **NEWLIST TYPE=MSG requested but no MPFTENTY found**

Explanation

This message is generated by the NEWLIST TYPE=MSG (MPF report). It indicates that an MPF report was requested, but that MPF data were not available. Check the CKFREEZE file used; the MPF report requires an APF-authorized zSecure Collect run with a focus including zSecure Audit.

Severity

04

CKR0549 **NEWLIST TYPE=MSG requires CKFREEZE**

Explanation

This message is generated by the NEWLIST TYPE=MSG (MPF report). It indicates that an MPF report was requested, but that no CKFREEZE file was used. The MPF report requires a CKFREEZE file; check your JCL or your set of input files.

Severity

08

CKR0550 **NEWLIST TYPE=MSG unexpected MPFTVRSN *version*, expected *version2***

Explanation

This message is generated by the NEWLIST TYPE=MSG (MPF report). It indicates an internal error condition. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include your MVS level and both the version numbers indicated.

Severity

20

CKR0551 **Expected MPFTs: *amount1*; got *amount2***

Explanation

This message is generated by the NEWLIST TYPE=MSG (MPF report). It indicates an internal error condition. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0552 **No SMF subsystem information available for *system***

Explanation

This message is generated by the NEWLIST TYPE=SMFOPT (SMF subsystem options report). It indicates no SMF subsystem information was available for the indicated *system*. Check your

CKFREEZE file; the report requires an APF-authorized zSecure Collect run with a focus including zSecure Audit.

Severity

08

CKR0553 **Directories and resource rules use *nnnn* bytes for system *system***

Explanation

This message shows the amount of storage that the program needed to construct a working copy of the in-storage ACF2 resource rule directories and resource rule sets.

Severity

00

CKR0554 **TCP/IP interface connection failed, error code *code***

Explanation

A failure occurred while trying to connect zSecure to the TCP/IP interface. The error code is documented under **z/OS Communications Server: IP and SNA Codes** in the z/OS information center. If the code is not listed there, it is documented as a return code under **z/OS UNIX System Services: Messages and Codes**.

See z/OS Internet Library to access the information center for your version of z/OS.

Severity

04

CKR0555 **Bitmask cannot be empty or longer than 2048 *source***

Explanation

A CARLa statement contains a bitmask value that is either empty or longer than 2048 symbols.

User response

Review and correct the CARLa script.

Severity

12

CKR0556 **Bitmask is not allowed**

Explanation

A CARLa statement contains a bitmask value that is not allowed.

User response

Review and correct the CARLa script.

Severity

12

CKR0557 **Invalid IP address or network prefix '*string*' at *ddname* line *number***

Explanation

This message indicates that a CARLa script has an IP address or network prefix specification (either IPv4 or IPv6) that is not valid.

User response

Adjust the corresponding CARLa script to supply a valid IP address or network prefix specification. A network prefix consists of an IP address, a slash character (/), and an integer denoting the prefix length. With an IPv4 address, the prefix length can be 32 at most. With an IPv6 address, the prefix length can be 128 at most.

Severity

12

CKR0558 **CKRRMRG - Illegal eyecatcher *eyecatcher* during logging**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR0559 **CKRRMRG - Nil pointer found**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR0560 **Profiles in STARTED class exist, but class not active - ICHRIN03 is used.**

Explanation

This message is produced by the VERIFY STC command. It indicates that profiles in the STARTED class exist, but that the class is not active. As a result, the profiles will be ignored, and the started procedure table ICHRIN03 will be used instead.

Severity

00

CKR0561 **STARTED class active, but no profiles found - ICHRIN03 is used**

Explanation

This message is produced by the VERIFY STC command. It indicates that the STARTED class is active, but does not contain any profiles. As a result, the started procedure table ICHRIN03 will be used instead.

Severity

00

CKR0562 **ALLOC PRIMARY/BACKUP/ ACTIVE/INACTIVE/SMF cannot be combined with other source identifiers - at *ddname* line *number***

Explanation

An ALLOC statement referring to a data source obtained from control blocks in storage cannot at the same time point to an external data source.

Severity

12

CKR0563 **STARTED profile *profile* has no STDATA segment - ICHRIN03 is used - *action* to *newuser note***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class does not contain an STDATA segment. As a result the profile indicated will be ignored, and the started procedure table ICHRIN03 will be used instead. A command is generated to create an STDATA segment with an STUSER specification *newuser*. If the profile's first qualifier is a valid user ID, *newuser* will be **user(=MEMBER**) the *action* will be **correct** and the profile should then be usable, although you still may have to note "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575); if not, *newuser* will be **NOUSER**, the *action* will be **change**, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0564 **No STUSER specified on STARTED profile *profile* - ICHRIN03 is used**

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class does not contain an STUSER field in the STDATA segment. As a result, the profile indicated will be ignored, and the started procedure table ICHRIN03 will be used instead. No attempt is made to cure this condition, because it may be intentional.

Severity

08

CKR0565 **STARTED profile *profile* contains group id *group* as STUSER - "*user*" is used - *action* to *newuser note***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class does not contain a valid user ID in the STUSER field in the STDATA segment, but the groupname *id*. As a result, the user specified in the profile will be ignored, and the undefined user ID *user* will be used instead. A command is generated to remove the erroneous specification. If the profile's first qualifier is a valid user, *newuser* will be set to **user(=MEMBER)** to use the member name and the *action* will be **correct**, although you still may have to note "**but userid still revoked**," meaning that the started task would run with reduced authority

and might still experience problems (as indicated by message CKR0575). If not, it will be set to **NOUSER** to indicate the field is to be deleted, the *action* will be **change**, there will be no *note*, and after the proposed change the profile would be so unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0566 **STARTED profile *profile* has undefined STUSER *id* - "*user*" is used - *action* to *newuser note***

Explanation

This message is produced by the VERIFY STC command. It indicates that the user ID, *id*, is not valid in the STUSER field in the STDATA segment of the specified *profile* in the STARTED class. As a result, the user specified in the profile will be ignored, and the undefined user ID, *user*, will be used instead. A command is generated to remove the erroneous specification. If the profile's first qualifier is a valid user, *newuser* will be set to **user(=MEMBER)** to use the member name and the *action* will be **correct**. However, *note* might specify "**but userid still revoked**," which means that the started task will run with reduced authority and might experience problems (as indicated by message CKR0575). If not, *newuser* will be set to **NOUSER** to indicate that the field is to be deleted, the *action* will be set to **change**, and *note* is not specified. After the proposed change the profile would be so unusable that RACF would fall back on started procedure table ICHRIN03, and a subsequent VERIFY STC would issue CKR0564 for the profile.

Severity

08

CKR0567 **STARTED profile *profile* has STUSER =MEMBER, which is a groupid - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains the value **=MEMBER** in the STUSER field in the STDATA segment, but that the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* is not a valid user ID, but a group ID. As a result, the procedure name will not be used as a user ID, and the undefined user ID *user* will be used instead. Note that the first qualifier of *profile* is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0568 **STARTED profile *profile* has STUSER =MEMBER, which is undefined - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains the value **=MEMBER** in the STUSER field in the STDATA segment, but that the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* is not a valid user ID. As a result, the procedure name will not be used as a user ID, and the undefined user ID *user* will be used instead. Note that the first qualifier of *profile* is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0569 **STARTED profile *profile* has both STUSER and STGROUP =MEMBER - "*user*" is used - *action* to *deletions***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class has the value **=MEMBER** in both the STUSER and STGROUP fields in the STDATA segment. Since it is impossible for any procedure name to match both a user ID and a group ID at the same time, this is an error on the profile level. As a result, the specifications in the profile will be ignored, and the undefined user ID *user* will be used instead. If the profile's first qualifier is discrete, it is checked whether it matches a user ID or a group ID or neither, and deletions will contain **NOGROUP** or **NOUSER** or both, respectively, to indicate which specifications are to be deleted. If the profile's first qualifier is generic, it is not possible to do such a check, and *deletions* will be **NOGROUP**, which is the only choice that

might possibly fix the problem (for some matching procedures). Only when the problem has been fixed with certainty (discrete first qualifier that matches a valid user ID) *action* will be **correct**, otherwise it will be **change**.

Severity

08

CKR0570 **STARTED profile *profile* contains userid *id* as STGROUP - "*user*" is used - *action* to *newgroup note***

Explanation

The VERIFY STC command produced this message. It indicates that the *profile* in the STARTED class contains the invalid user ID *id* instead of a valid group ID in the STGR0UP field in the STDATA segment. As a result, the user specified in the profile is ignored and the undefined user ID *user* is used instead. A command is generated to remove the erroneous specification. If the profile's first qualifier is a valid group, *newgroup* is set to **group(=MEMBER)** to use the member name. If not, it is set to **NOGROUP** to indicate that the field is to be deleted. *Note* indicates further problems with the user ID *id* and *newgroup*. It can be absent or have one of the following values:

but still unconnected
=MEMBER was a valid group but still the profile specification is ignored (as indicated by CKR0574).

but userid still revoked
The started task might run with reduced authority and might still experience problems (as indicated by CKR0575).

but still unconnected, userid still revoked
If both problems remain (CKR0150).

The *action* is **correct** if the resulting profile specifications are usable (no missing connection) regardless of the user ID's revocation status. Otherwise, it is **change**.

Severity

08

CKR0571 **STARTED profile *profile* has undefined STGROUP *id* - "*user*" is used - *action* to *newgroup note***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class does not contain a valid group ID in the STGROUP field in the STDATA segment, but the value *id*. As a result, the user specified in the profile will be ignored, and the undefined user ID *user* will be used instead. A command is generated to remove the erroneous specification. If the profile's first qualifier is a valid group, *newgroup* will be set to **group(=MEMBER)** to use the member name; if not, it will be set to **NOGROUP** to indicate the field is to be deleted. *Note* indicates further problems with the user ID *id* and *newgroup*, it may be "**but still unconnected**" to indicate that **=MEMBER** may be a valid group but still the profile specification would be ignored (as indicated by CKR0574), "**but userid still revoked**", meaning that the started task would run with reduced authority and might still experience problems (as indicated by CKR0575), "**but still unconnected, userid still revoked**" if both problems remain (CKR0150), or it may be absent. The *action* will be **correct** if the resulting profile specifications would be usable (no missing connection) regardless of the user ID's revocation status, and **change** otherwise.

Severity

08

CKR0572 **STARTED profile *profile* has STGROUP =MEMBER, which is a userid - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains the value **=MEMBER** in the STGROUP field in the STDATA segment, but that the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* is not a valid group ID, but a user ID. As a result, the user ID specified in the profile will not be used, and the undefined user ID *user* will be used instead. Note that the first qualifier of profile is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0573 **STARTED profile *profile* has STGROUP =MEMBER, which is undefined - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains the value **=MEMBER** in the STGROUP field in the STDATA segment, but that the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* is not a valid group ID. As a result, the user ID specified in the profile will not be used, and the undefined user ID *user* will be used instead. Note that the first qualifier of profile is generic, so that it may apply to different procedures as well; therefore, it is unclear how this should be cured, and no command is generated.

Severity

08

CKR0574 **STARTED profile *profile* user *id* not connected to group *group* - "*user*" is used**

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains a valid user and group, but that user *id* is not connected to group *group*. As a result, the user ID specified in the profile will not be used, and the undefined user ID *user* will be used instead. This message indicates an error on the profile level, but no command is generated as it is unclear what the desired solution would be.

Severity

08

CKR0575 **STARTED profile *profile* has revoked userid *user* - executes with reduced access**

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class contains a valid user and group, but that user *user* is revoked. As a result, the user ID specified in the profile will be used, but the started task will run with reduced access, which may lead to problems. This message indicates an error on the profile level, but no command is generated as it is unclear what the desired solution would be.

Severity

08

CKR0576 **No STARTED profile found, ICHRIN03 is used - *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated procedure *procname* in subsystem *subsystem* with JCL in the indicated data set *dsn* on volume *volume* does not match any profile in the STARTED class. As a result, the started procedure table ICHRIN03 will be used instead.

Severity

00

CKR0577 **STARTED profile *profile* not used by any started procedure**

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class is not used for any procedure. The profile may be redundant.

Note: This message may also be issued if a CKFREEZE file is used that was produced by running zSecure Collect from an unauthorized library. If zSecure Collect is run with APF authorization, it will use cross memory functions to find the data sets allocated to STCPROC (or PROC00 if there's no STCPROC). Subsequently, it will read the PDS directory of each of these proclibs. Note that it is insufficient to tell zSecure Collect to dump the directories of the PDS data sets in an unauthorized run, because they will not be known as proclibs.

Severity

00

CKR0578 **STARTED profile *profile* user *id* not connected to group *group* - "*user*" is used for *procname volume dsn* system *system subsystem***

Explanation

This message is produced by the VERIFY STC command. It applies to a procedure *procname* in subsystem *subsystem* in system *system* with JCL in data set *dsn* on volume *volume*. It describes a problem in the indicated *profile* in the STARTED class: the user *id* in the STUSER field in the STDATA segment is not connected to the group in the STGROUP field, so that

the undefined user ID *user* will be used. Note that the first qualifier of *profile* is generic, and either the user *id* or the *group* is specified as **=MEMBER** and thus evaluates to *procedure*, so that the main problem is not a condition on the profile level; no command is generated.

Severity

08

CKR0579 **STARTED profile *profile* has revoked userid =MEMBER - reduced access for *procedure volume dataset***

Explanation

This message is produced by the VERIFY STC command. It indicates that the indicated *profile* in the STARTED class has the value **=MEMBER** in the STUSER field in the STDATA segment to indicate that the *procedure* should be used; however, although *procedure* is a valid user ID, it is revoked, so that started task will run with reduced authority and might experience problems. Note that the first qualifier of *profile* is generic, so that the problem is not a condition on the profile level; no command is generated.

Severity

08

CKR0580 **TSO user *user* on system *system* not subject to RACF password control - *volume dataset***

Explanation

This message is produced by the VERIFY TSOALLRACF command. It indicates that on the *system* specified, the *user* indicated is included in the UADS *data set* indicated, but is not a valid RACF user ID. As a result, the user ID can logon using the password specified in the UADS data set, and is not subject to RACF control.

Severity

08

CKR0581 **TSO user *user* on system *system* does not have a TSO segment - *volume dataset***

Explanation

This message is produced by the VERIFY TSOALLRACF command. It indicates that on the *system* specified, the *user* indicated is included in the UADS *data set* indicated, is a valid RACF user ID, but does not have a TSO segment. The user ID is subject to RACF control, but takes its TSO attributes from the UADS data set, not the RACF database.

Severity

08

CKR0582 **ALLOC SMF invalid for specified type - before *token* at *ddname* line *number***

Explanation

This message indicates an invalid ALLOC command. A new syntax command can only describe one input source per command.

Severity

12

CKR0583 **VSMLIST return code *value***

Explanation

This message can occur if a live MVS system is examined and the VSMLIST service returns an unsupported return code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. Include the indicated *value* and your MVS level.

Severity

08

CKR0584 **System *system* uses password hashing**

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that on the *system* specified, the password encryption method used is hashing. Any user with READ access to the RACF database or a copy/backup of the RACF database may be able to decode all passwords.

Severity

00

CKR0585 **Revoked user with weak password - *user***

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that the revoked *user* indicated has a weak DES-encrypted password. The password is *not* included in the message.

Severity

00

CKR0586 **User with weak password - *user***

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that the non-revoked *user* indicated has a weak DES-encrypted password. The password is *not* included in the message.

Severity

00

CKR0587 **Revoked user with hashed password - *user***

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that the revoked *user* indicated has a hashed password, which can be decoded easily. The password is *not* included in the message.

Severity

00

CKR0588 **User with hashed password - *user***

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that the non-revoked *user* indicated has a hashed password, which can be decoded easily. The password is *not* included in the message.

Severity

00

CKR0589 **Verify password result summary complex *complex* [*version*]**
Revoked users with hashed password: *num1*
Non-revoked users with hashed password: *num2*
Revoked users with weak DES password: *num3*
Non-revoked users with weak DES password: *num4*

Explanation

This message is produced by the VERIFY PASSWORD command. It provides a summary of the number of revoked and non-revoked users found with hashed or weak DES-encrypted passwords.

Severity

00

CKR0590 **Verify password requires RACF database, not unload for complex *complex* [*version*]**

Explanation

This message is produced by the VERIFY PASSWORD command. It indicates that the VERIFY PASSWORD command was used with an unloaded RACF database, instead of a 'real' RACF database (primary, backup, or copy). Since an unloaded database does not contain password information, password verification cannot be performed.

Severity

00

CKR0591 **Warning in ICHNCV00 parse for *system[version]* : *warning* in convention *convention-name type* clause *number***

Explanation

This message indicates that an ICHNCV00 feature is supported, but will be simulated with some restrictions. The *warning* indicates the type of feature not supported; the feature is used in convention *convention-name*, in a SELECT or ACTION clause, as indicated by *type* and *number*. At this time, this message will be issued for use of the RACGPID and RACUID features. It can be suppressed.

Severity

04

CKR0592 **Error in ICHNCV00 parse for *system[version]*: *error* in convention *convention-name type* clause *number***

Explanation

This message indicates that ICHNCV00 could not be parsed, or an ICHNCV00 feature is not supported. Because of this, the table will not be simulated. The *error* indicates the problem; if a feature is not supported, the message will optionally include the convention *convention-name*, and a SELECT or ACTION clause, as indicated by *type* and *number*. This message can be suppressed.

Severity

04

CKR0593 **ICHNCV00 not used because of parse errors**

Explanation

This message indicates that ICHNCV00 will not be used, because it could not be parsed, or it used features not supported by zSecure. It has been preceded by one or more CKR0592 messages, which indicate the problem.

Severity

00

CKR0594 **System *system*: using ICHNCV00 of *date time* Can*not* be simulated by zSecure *suppressed* Reconstructed ICHNCV00 source code follows *contents***

Explanation

This message is generated by a SHOW ICHNCV00 command. The second line reports whether zSecure can simulate the naming convention table. If so, *not* will be omitted (instead of **not**) and an extra line may show *suppressed* as **But was suppressed by SUPPRESS ICHNCV00** if applicable.

Severity

00

CKR0595 **Qualifier of length *size* not supported in ICHNCV00 simulation**

Explanation

This message is generated during simulation of ICHNCV00. It indicates that a source data set name used qualifiers of the indicated *size*, which either is zero or larger than 8. zSecure will not translate the data set name.

Severity

00

CKR0596 **Assignment beyond next empty qualifier not supported system *system***

Explanation

This message is generated during simulation of ICHNCV00. It indicates that the naming convention table has an action that assigns to an output qualifier UQ beyond the last one in use, and beyond the first unused one, leaving a gap in the data set name. zSecure will not translate the data set name.

Severity

00

CKR0597 **ALLOC PRIMARY/BACKUP/ ACTIVE/INACTIVE invalid for specified type - before *token* at *ddname* line *number***

Explanation

This message indicates an invalid ALLOC command. A live input source indicator was used with a type that does not support this.

Severity

12

CKR0598 **The value "none" is mutually exclusive with other scan_inst values**

Explanation

The value NONE for a SELECT of an instruction scan field was used in a list with other instruction scan values. This is not allowed. Use an explicit OR instead.

Severity

12

CKR0599 **DEFINE for BUNDLEBY=*field* must be of type AS for statement at *ddname* line *number***

Explanation

If a variable is used as the BUNDLEBY value, then it must be a variable defined with DEFINE AS and not a summary statistic, boolean, or SMF field.

Severity

12

CKR messages from 600 to 699

CKR0600 ENDBUNDLE without BUNDLE

Explanation

This error message indicates that an ENDBUNDLE command was found (which normally ends a bundle of NEWLISTs), but no previous BUNDLE command was found to start the bundle.

Severity

12

CKR0601 Nested BUNDLE not allowed, check missing ENDBUNDLE for BUNDLE at *ddname* line *number*

Explanation

This error message indicates that two BUNDLE commands were found without an intermediate ENDBUNDLE. BUNDLE commands may not be nested.

Severity

12

CKR0602 Issue ENDMERGE before BUNDLE at *ddname* line *number*

Explanation

This error message indicates that a BUNDLE command was found, in a sequence of MERGELIST - BUNDLE. There should be an ENDMERGE command in this sequence. You can include a MERGELIST - ENDMERGE in a BUNDLE - ENDBUNDLE sequence, but not the other way around.

Severity

12

CKR0603 BUNDLE cannot contain DISPLAY - at *ddname* line *number*

Explanation

This error message indicates that a DISPLAY command was found within a BUNDLE - ENDBUNDLE. The BUNDLE command is intended for printed output; no interactive displays are allowed.

Severity

12

CKR0604 BUNDLEBY not on BUNDLE or NEWLIST but required at *ddname* line *number*

Explanation

The BUNDLE - ENDBUNDLE commands require a BUNDLEBY parameter on the BUNDLE or on each NEWLIST in the bundle. In this case, the parameter was missing.

Severity

12

CKR0605 More than 32767 user-defined SMF fields not possible

Explanation

This message indicates that you have reached the internal limit on the number of user-defined fields for the SMF report. Reduce the number of DEFINE SMF_FIELD, SMF_SECTION, or RACF_SECTION commands.

Severity

12

CKR0606 *field* may only be used in Select/ Exclude/Define-As - at *ddname* line *number*

Explanation

The indicated *field*, which is SMF_FIELD, SMF_SECTION, or RACF_SECTION, was used in an output command. These fields, which are used to create user-defined SMF fields, may not be used directly in output commands. However, you can use these fields with a DEFINE command to create a new variable, and use that variable in output commands.

Severity

12

CKR0607 ***database class profile*** **base segment missing in complex** ***complex***

Explanation

During a merge, it was detected that the specified profile has no base segment. *Database* is either Current or Source. This profile will be skipped in the merge process. After completion of the current phase, the program will stop. This message can be the result of your select and exclude specifications. Next, you should check whether the specified profile has been damaged. If the profile is not damaged, verify the correctness of the profile itself, and take actions to correct or remove any incomplete profiles.

Severity

12

CKR0608 **Use only one of DSN/DSNPREF/CMSFILE/PATH/ FILEDESC/GETPROC/INMEM/CDP on ALLOC - at** ***ddname*** **line** ***number***

Explanation

On an ALLOCATE command, at most one of the parameters DSN, DSNPREF, CMSFILE, PATH, FILEDESC, GETPROC, INMEM, and CDP may be specified.

Severity

12

CKR0609 **ALLOC uses both specific file format and specific option format keywords - before** ***token*** **at** ***ddname*** **line** ***number***

Explanation

The ALLOCATE command has two distinct formats, called the *option* format and the *file* format. Each has keywords only valid in that format, which cannot be mixed with keywords that indicate the other format. The two formats are described in the ALLOCATE command documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR0610 **ALLOC in file format requires explicit TYPE and input source specification - before** ***token*** **at** ***ddname*** **line** ***number***

Explanation

The ALLOCATE command has two distinct formats, called the *option* format and the *file* format. When the latter is used without the SMF keyword (which specifies both at once), the TYPE keyword and one of the keywords DD, DSN, CMSFILE, PATH, FILEDESC, PRIMARY, BACKUP, ACTIVE, or INACTIVE are required. The two formats are described in the ALLOCATE command documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR0612 **Tapevol** ***profile*** **volumes not equal**

Explanation

During the merge of the mentioned tapevol profile it was discovered that the volume lists of the source and current versions are not equal. The profile will not be merged.

Severity

04

CKR0613 **Complex names missing for two or more security databases, specify COMPLEX= on ALLOC statement**

Explanation

The program tried to assign default COMPLEX names to the security databases allocated, but could not decide which complex to assign to which database. Specify the COMPLEX parameter on all ALLOC statements of TYPE=RACF.

Severity

12

CKR0614 **Warning: unload** ***ddname1*** **and** ***ddname2*** **apply to same system** ***system***

Explanation

Two complexes were defined that turned out to have the same name. This means displays may be confusing since they show information from two databases under the same complex name. This can only happen if a TYPE=UNLOAD input file was used without an ALLOC COMPLEX parameter. It is better to rerun while specifying the COMPLEX parameter.

Severity

00

CKR0615 **Input system structure overview (default system *system* complex *complex*)**

Explanation

This message give an overview of the allocated files and their use. They are mainly used to determine how zSecure combines different kinds of files (UNLOADs, CKFREEZEs) for multiple systems. These files are shown in a tabular display below the header line.

The message lines with a value for the complex show the timestamp that is used in report headers. It is either the timestamp of an UNLOAD data set or, if using a live data set, the current time. If no security database was available for the complex, the data set name column might be empty and the timestamp is that of the CKFREEZE. If the program could not determine the type of security database, the *prod* column might show ????.

The other message lines describe in detail how each input file is used. The *prod* value for a CKFREEZE data set or live system can be preceded by an equal sign (=). This means that the CKFREEZE is primarily assigned to a different complex (where it does not have the equal sign). It is used as a fallback because no appropriate CKFREEZE is available for this complex. This implies, for example, that SMF records with the corresponding system ID are assigned to the complex name where the CKFREEZE is shown without the equal sign.

Severity

00

CKR0616 **Missing *product* security database for system *name* complex *complex* - not allowed in restricted mode**

Explanation

This message indicates that in a restricted-mode (aka PADS) run, no *product* security database (which can be RACF, ACF2, or TSS) was available for the indicated system *name*. This makes a restricted-mode run impossible.

Severity

12

CKR0617 **Missing *product* security database for system *name* complex *complex***

Explanation

This message indicates that no *product* security database (RACF, ACF2, or Top Secret) was available for the indicated system *name*, while one or more reports require the security information. You can either suppress this message (SUP MSG=617) or use `OPTION MSGRC=(617.`*`rc`*`)` to reduce the severity to an informational or warning level.

Severity

16 (unless changed by the `MSGRC` parameter of the `OPTION` statement)

CKR0618 **Processing *product* system *system* [*version*] as if protected by *product2* complex *complex* is not allowed in restricted mode**

Explanation

This message indicates that no *product* security database (which can be RACF, ACF2, or TSS) was available for the indicated system *system*. Usually, the indicated *product2* security database for the complex *complex* would have been used instead; but this is not allowed in restricted mode.

Severity

12

CKR0619 **Overriding COMPLEX=*complex* for system *name* file *ddname* not allowed in restricted mode unless equal to ZSECNODE, RRSF node, SYSPLEX, SYSNAME, or SMF id**

Explanation

This message indicates that a COMPLEX= statement was used on the ALLOCATE command to override the complex used for the indicated file. This override is not allowed in restricted mode unless the value for this parameter is equal to ZSECNODE, RRSF node, SYSPLEX, SYSNAME, or SMF id.

Severity

12

CKR0620 ***kind* database does not have id *name***

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The ID *name*, which is either SYS1 or IBMUSER, could not be found. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

12

CKR0621 ***kind* id *name* referred to but not defined - assume user**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The ID with the indicated *name* was referred to (as owner, default-group, superior group, or in a user-group connection) but could not be found. As a work-around, IBM Security zSecure Admin assumes it is a user. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

04

CKR0622 ***kind* id *name* defined as both user and group**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The ID with the indicated *name* is known as both a user and as a group. This is caused by a structural error in the database, which must be repaired before the ID can be merged. You may be able to work around this problem by using global EXCLUDE commands.

Severity

12

CKR0623 ***kind* id *name* has no owner - assume SYS1**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The ID with the indicated *name* was found, but no owner could be determined. As a work-around, IBM Security zSecure Admin assumes the owner is SYS1. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

04

CKR0624 ***kind* user *name* has no default-group and no connects**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. For the user with the indicated *name*, no default-group could be found, and no other connects could be found that would serve as fall-back. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

12

CKR0625 ***kind* group *name* has no superior-group - assume SYS1**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The group with the indicated

name was found, but no superior group could be determined. As a work-around, IBM Security zSecure Admin assumes the superior group is SYS1. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

04

CKR0626 ***kind* group *name* has supgrp<>owning group, assuming owner should be set to supgrp**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The group with the indicated *name* was found, and has different groups as superior-group and owner. As a work-around, zSecure Audit assumes the superior group should also be used as the owner. This is caused by a structural error in the database.

Severity

04

CKR0627 ***kind* database has structural errors - please run VERIFY CONNECT,PERMIT**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database was diagnosed in the preceding messages. Run VERIFY PERMIT and/or VERIFY CONNECT.

Severity

00

CKR0628 **TVTOC merge not supported**

Explanation

During a merge, it was detected that some TAPEVOL profiles with a TVTOC are present in both source and current databases. This message serves to warn you that such profiles will not be merged.

Severity

04

CKR0629 ***kind* database has id *name* but is not a *user/group***

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The ID *name*, which is either SYS1 or IBMUSER, could be found, but was not of the correct kind (group for SYS1, user for IBMUSER). This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

12

CKR0630 **Two merge sources not allowed**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates that two source RACF databases were found. The merge requires exactly one source and one current database. See the preceding CKR0615 message for an overview of the RACF databases and their function.

Severity

12

CKR0631 **Two merge currents not allowed**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates that two current RACF databases were found. The merge requires exactly one source and one current database. See the preceding CKR0615 message for an overview of the RACF databases and their function.

Severity

12

CKR0632 **Merge requires source and current**

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates that no source database, no current database, or no database at all was found. The merge requires exactly one source and one current database. See the preceding CKR0615 message for an overview of the RACF databases and their function.

Severity

12

CKR0633 **These src groups have a SUPGROUP rule but are not selected: *group ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of groups was found for which a MERGERULE SOURCEID SUPGROUP command was specified. However, the groups were not selected to be merged. This is an error: either select the groups to be merged, or omit the MERGERULE commands for the groups.

Severity

12

CKR0634 ***kind* user *name* has no default-group, using connect *group***

Explanation

This message is issued by the IBM Security zSecure Admin database merge checking routines, and indicates a structural error in the *kind* (**Source** or **Current**) database. The user with the indicated *name* was found, but no default-group could be determined. As a work-around, IBM Security zSecure Admin uses the existing connection to *group*. This may be caused by a structural error in the database, or by a global SELECT or EXCLUDE statement. The profiles that should be merged should be selected by a SELECT statement within the MERGE/ENDMERGE block, not by a global SELECT.

Severity

04

CKR0635 **MERGE internal error: *description***

Explanation

An internal error occurred during a IBM Security zSecure Admin database merge. Write down the indicated *description* and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0636 **Errors in merge phase *number* - stopped early**

Explanation

An error occurred during pass *number* of a IBM Security zSecure Admin database merge. The error was described in the previous messages. Because of these errors, the IBM Security zSecure Admin database merge was unable to continue and stopped.

Severity

12

CKR0637 **Merge requires a local current RACF database**

Explanation

A merge was specified, but an eligible database to merge into was not supplied. You cannot merge into a nonlocal database through the zSecure Server network.

Severity

12

CKR0638 **Merge requires a local RACF source database**

Explanation

A merge was specified, but an eligible database to merge from was not supplied. You cannot merge from a nonlocal database through the zSecure Server network.

Severity

12

CKR0639 **CKREFRI: command buffer overflow**

Explanation

This message indicates that one or more classes were left off from the SETROPTS REFRESH command.

Severity

08

CKR0640 **The following src ids have a rule but are not defined: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID commands was found that specified an nonexisting user or group ID. This is an error: either correct the user or group IDs, or omit the MERGERULE commands for the indicated IDs.

Severity

12

CKR0641 **These src ids have a RENAME, are not selected, and do not exist in current: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID RENAME commands was found. The indicated IDs are valid user and group IDs on the SOURCE system, but are not selected to be merged, so the commands cannot apply to SOURCE IDs. The new name specified with the RENAME option does not exist on the CURRENT system and will also not be created during the merge, so the commands cannot apply to references to the indicated IDs (for example, on access lists). This is an error: either select the user or group IDs to be merged, or omit the MERGERULE commands for the indicated IDs

Severity

12

CKR0642 **The following current ids are the target of > 1 rename: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID RENAME commands was found. Several of these commands renamed a SOURCE ID to the same CURRENT id. This is not allowed. However, you can achieve the effect desired by merging the SOURCE database in multiple runs.

Severity

12

CKR0643 **The following users have a SUPGROUP rule: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID SUPGROUP commands was found that specified a user as SOURCEID. This is not allowed: a SUPGROUP option can only apply to a group. Correct the MERGERULE commands.

Severity

12

CKR0644 **A SUPGROUP rule for SYS1 is not allowed:**

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID SUPGROUP commands was found that specified a superior group for a group that would be called SYS1 after the merge. This is not allowed: SYS1 should not have a superior group. The *src-id* shows the original group name (before any renames); the *cur-id* will be SYS1.

Orig	New
src-id	*cur-id*

Severity

12

CKR0645 **The following current ids are the target of src+rename: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID RENAME commands was found. One or more of these commands renamed a SOURCE ID to a CURRENT ID that is also the target of a selected SOURCE ID that was not renamed. This is not allowed. However, you can achieve the effect desired by merging the SOURCE database in multiple runs.

Severity

12

CKR0646 **The following users were specified as a SUPGROUP: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID SUPGROUP commands was found that specified a user as SUPGROUP. This is not allowed: a SUPGROUP option must specify a group as new superior group. However, you can specify a user as owner for a group, using the MERGERULE SOURCEID OWNER option. Correct the MERGERULE commands.

Severity

12

CKR0647 **Following groups found in source. They are users in current:**

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of groups that were selected to be merged had the same name as a user on the CURRENT system (possibly after being renamed). This is not allowed. The *src-id* column lists the users; the *cur-id* column lists the new name after the merge. Correct the MERGERULE commands.

Source	Current
src-id	*cur-id*

Severity

12

CKR0648 **Following users found in source. They are groups in current:**

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of users that are selected to be merged have the same name as a group on the CURRENT system (possibly after being renamed). This is not allowed. The *src-id* column lists the users; the *cur-id* column lists the new name after the merge. Correct the MERGERULE commands.

Source	Current
src-id	*cur-id*

Severity

12

CKR0649 **Ids defined as owner, but not defined/selected: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID OWNER commands was found that specified a user or group that would be absent after the merge. This is an error. Correct the MERGERULE commands.

Severity

12

CKR0650 **Ids defined as supgroup, but not defined/selected: *ids***

Explanation

During an IBM Security zSecure Admin database merge, pass 2, a number of MERGERULE SOURCEID SUPGROUP commands was found that specified a group that would be absent after the merge. This is an error. Correct the MERGERULE commands.

Severity

12

CKR0651 **The following groups are part of a supgroup loop: *groups***

Explanation

During an IBM Security zSecure Admin database merge, pass 3, it was determined that the group tree structure after the merge would result in a loop of the indicated groups. This is an error, and should be fixed by specifying or correcting MERGERULE SOURCEID SUPGROUP commands.

Severity

12

CKR0652 **The following groups are source-only; their src-only supgrp is not selected:**

Explanation

During an IBM Security zSecure Admin database merge, pass 3, a number of groups was found that were selected to be merged and do only exist on the SOURCE database. In addition, no SUPGROUP

command was specified, and their superior groups on the SOURCE system were not selected to be merged. This is an error, and should be fixed by selecting the source superior groups, not selecting the groups, or by specifying MERGERULE SOURCEID SUPGROUP commands.

Orig	New	Orig-sup
src-grp	*cur-grp*	*src-supgroup*

Severity

12

CKR0653 **The following groups have conflicting supgrps, and no command:**

Explanation

During an IBM Security zSecure Admin database merge, pass 3, a number of groups was found that were selected to be merged and do exist on both the SOURCE and the CURRENT database. In addition, the superior groups were different; the source superior group was also selected to be merged; and no command was specified that could resolve this conflict. This is an error, and can be corrected in various ways: (1) Changing the selection criteria; (2) specifying a MERGERULE SOURCEID SUPGROUP command; (3) specifying a MERGERULE SOURCEID DATA command; (4) specifying a MERGERULE DEFAULT DATA command.

Source	Current	Orig-s	Orig-ren	Cur-sup
src-grp	*cur-grp*	*src-s*	*renamed-src*	*cur-supgroup*

Severity

12

CKR0654 **Group SYS1 was renamed, and no superior group was specified**

Explanation

During an IBM Security zSecure Admin database merge, pass 3, it was detected that group SYS1 from the SOURCE database was renamed using a MERGERULE SOURCEID RENAME command. However, the new group did not already exist on the CURRENT database, and no new superior group was specified. This is an error, and can be corrected using MERGERULE SOURCEID commands.

Severity

12

CKR0655 **These src-only users have an owner that is not selected:**

Explanation

During an IBM Security zSecure Admin database merge, pass 4, it was detected that one or more users that occurred only on the source database, have an owner that is not present on the current database, and is not selected to be merged. In addition, no MERGERULE SOURCEID OWNER command had been specified. This is an error, since no owner can be determined. Either specify the desired owner, or select the user's owner to be merged.

Source	Current	Src-Owner
src-user	*cur-user*	*src-owner*

Severity

12

CKR0656 **These users have conflicting owners, no command:**

Explanation

During an IBM Security zSecure Admin database merge, pass 4, it was detected that one or more users that are present on both source and current system have conflicting owners. In addition, no MERGERULE SOURCEID OWNER, MERGERULE SOURCEID DATA, or MERGEID DEFAULT DATA command had been specified. This is an error, since no owner can be determined.

Source	Current	Src-Own	Cur-own
src-user	*cur-user*	*src-own*	*current-owner*

Severity

12

CKR0657 **The following connects have conflicting attrs and no auth rule:**

Explanation

During an IBM Security zSecure Admin database merge, pass 5, one or more user-group connections were found that have conflicting attributes in the source and current version. In addition, no MERGERULE SOURCEID AUTHORITY or MERGERULE DEFAULT AUTHORITY was specified that could resolve the conflict. This is an error. For each conflicting user-group connection, the message lists the name of the user and group on the source and current databases.

Src-user	Src-grp	Cur-user	Cur-grp
s-user	*s-group*	*c-user*	*c-group*

Severity

12

CKR0658 **The following users have no connects after the merge:**

Explanation

During an IBM Security zSecure Admin database merge, pass 6, it was detected that one or more users did not have any group-connections after the merge. This is an error, which should be corrected by (1) deselecting the user; (2) selecting one or more of the connect-groups; or (3) renaming the user to a user already existing on the CURRENT system.

Source	Current	Src-dfltgrp
src-id	*cur-id*	*source defaultgroup*

Severity

12

CKR0659 **The following users have no dfltgrp, and > 1 copied connect:**

Explanation

During an IBM Security zSecure Admin database merge, pass 6, it was detected that one or more users did have two or more group-connections after the merge, but the source default group was not merged, and no default-group could be determined. This is an error, which can be corrected in various ways, including: (1) deselecting the user; (2) selecting the source defaultgroup to be merged; or (3) renaming the user to a user already existing on the CURRENT system.

Source	Current	Src-dfltgrp
src-id	*cur-id*	*source defaultgroup*

Severity

12

CKR0660 **The following users have two dfltgrp candidates:**

Explanation

During an IBM Security zSecure Admin database merge, pass 6, it was detected that one or more users have two candidate default groups, and no MERGERULE SOURCEID DATA or MERGERULE DEFAULT DATA commands had been specified that could resolve the conflict. This is an error.

Source	Current	Src-dflt	Cur-dflt
src-id	*cur-id*	*src-dflt*	*current defaultgroup*

Severity

12

CKR0661 **Warning: *product* system *name* now processed as if protected by *product2* database of complex *name2* [*version*]**

Explanation

This message indicates that no *product* security database (which can be RACF, ACF2, or TSS) was available for the indicated system *name*. The indicated *product2* security database for the complex *name2* is used instead.

Severity

00

CKR0662 **Warning: RACF Class Descriptor Table for complex *name* unknown, using current system CDT**

Explanation

This message indicates that no RACF Class Descriptor Table (CDT) could be found for the indicated system *name*. The current systems CDT is used instead.

Severity

00

CKR0663 **Started task info missing, ICHRIN03 not in *ddname* for system *name* complex *complex* [*version*]**

Explanation

This message is issued by VERIFY/REPORT STC. It indicates that though the STARTED class will still be processed, the fallback started task information for

the indicated system *name* is missing. The report may be incomplete.

Severity

08

CKR0664 **Two-pass BDAMQSAM read of RACF db not supported, use an unload [or no BDAMQSAM] for complex *name***

Explanation

A RACF database (as opposed to an UNLOAD) cannot be used in a two-pass read. Use an UNLOAD instead. [Or do not include a BDAMQSAM command in the run.] This may be caused by including fields like ANYSUPGROUP (which needs to know the group structure to operate) in your query, or using lookups in a NEWLIST TYPE=RACF selection (for which, for example, ownership relations must be known ahead of time).

Severity

12

CKR0665 **UNLOAD COMPLEX= parameter not valid for NEWLIST TYPE=*type***

Explanation

The COMPLEX parameter on the UNLOAD statement is meant to indicate which complex security database should be unloaded. An unload file can contain information of one complex only, while a NEWLIST can print information from multiple complexes. The COMPLEX parameter has no meaning for non-security database NEWLISTs and results in this error message.

Severity

12

CKR0666 **System *system* complex *complex* NJE node *node* has been assigned free CKRCMD file *ddname volume dsn***

Explanation

Command generation is done per complex. Each complex needs its own output file (since the commands must be sent to the proper complex). These messages indicate which TYPE=CKRCMD file was used for which complex.

Severity

00

CKR0667 **Extra CNSX without class - file *ddname volume dsn***

Explanation

The Class Descriptor Table in the input source contains less class descriptors than CDT extension (CNSX) records. Possibly a record was truncated in the database unload file or something more serious is happening. Check that the file has DCB attributes RECFM=VBS,LRECL=X.

Severity

16

CKR0668 **Class *name* CNSX mismatch file *ddname***

Explanation

The Class Descriptor Table in the input source contains other CNSX pointers than the CDT extension (CNSX) records themselves. Possibly a record was truncated in the database unload file or something more serious is happening. Check that the file has DCB attributes RECFM=VBS,LRECL=X.

Severity

16

CKR0669 **Class *name* and higher miss CNSX on file *ddname volume dsn* - probably unloaded with downlevel release**

Explanation

The unload file misses Class Descriptor Table Extension (CNSX) records starting with the class indicated. Reports may be false.

Severity

16

CKR0669 **Class *name* and higher miss CNSX on file *ddname* - downlevel CNFCOLL does not support RACF 2.2**

Explanation

The CKFREEZE file misses Class Descriptor Table Extension (CNSX) records starting with the class indicated. Reports may be false.

Severity

16

CKR0670 **Incompatible RCVT and CNST release - NEWLIST TYPE=CLASS incomplete - allocate proper CKFREEZE for *system***

Explanation

You cannot safely mix RACF 2.2 or higher unloads and CKFREEZEs with lower level RACF ones for the same system. Consequently, the NEWLIST TYPE=CLASS output cannot be trusted. Use a consistent input set (for example, an unload and CKFREEZE produced on the same system).

Severity

16

CKR0671 **DDNAME=*ddname* is invalid on UNLOAD**

Explanation

You specified a filename reserved for other purposes as the target for the unload. Specify another filename on the DDNAME parameter.

Severity

12

CKR0672 **Only one MERGE allowed - previous ignored**

Explanation

More than one MERGE input command was specified. Only the last one specified will be used. Multiple RACF database merge jobs should be split into multiple runs.

Severity

04

CKR0673 **Duplicate value for keyword *keyword* for source id *id***

Explanation

In the MERGE input commands, a MERGERULE SOURCEID=*id* statement was used to set the option *keyword*. However, this option had already been set for the same ID in the preceding MERGERULE commands. This is an error.

Severity

12

CKR0673 **Duplicate value for keyword *keyword* for resource class *class***

Explanation

In the MERGE input commands, a MERGERULE SOURCECLASS=class statement was used to set the option keyword. However, this option had already been set for the same general resource class in the preceding MERGERULE commands. This is an error.

Severity

12

CKR0674 **EOF without ENDMERGE... ENDMERGE assumed**

Explanation

In the MERGE input commands, the input ended after a MERGE command was read, but before an ENDMERGE command was read. A closing ENDMERGE is assumed.

Severity

04

CKR0675 **Warning: complex not processed for ALLOC TYPE=CKRCMD FILE=*ddname* COMPLEX=*name***

Explanation

You specified a CKRCMD output file for the indicated complex, but this complex was not found in the input set. The output file will not be used.

Severity

00

CKR0676 **These groups have an OWNER pararameter that is not equal to the supgroup:**

Explanation

During an IBM Security zSecure Admin database merge, pass 4, it was detected that one or more groups have a MERGERULE SOURCEID OWNER command. These commands specified a group as new owner; however, the owner specified was not equal to the superior group determined in the previous pass. This is an error. Either specify the desired owner as a superior group, or use a user as owner.

Source	Current	New-sup	Own-parm
src-grp	*cur-grp*	*supgrp*	*owner specified*

Severity

12

CKR0677 **For the following source-only profiles no current owner could be found:**

Explanation

During an IBM Security zSecure Admin database merge, pass 7, it was detected that one or more data set or general resource profiles only occur on the source database. In addition, no owner could be found on the current database for these profiles: the source owner was not merged, and does not exist on the current database; and the high-level qualifier is not a valid ID on the current database. This is an error. It can often be resolved by selecting the indicated owner to be merged, or by specifying a MERGERULE SOURCEID OWNER command for the profile's high-level qualifier.

S-owner	Class	Profile
owner	*class*	*profile*

Severity

12

CKR0678 **The following profiles have an unresolved access list because no policy was set:**

Explanation

During an IBM Security zSecure Admin database merge, pass 8, it was detected that the access list for one or more data set or general resource profiles contained differences that could not be resolved. This is an error. It can be resolved by specifying a MERGERULE SOURCEID AUTHORITY command for the profile's high-level qualifier, or by a MERGERULE DEFAULT AUTHORITY command.

Class	Current profile name
class	*profile*

Severity

12

CKR0679 **Warning: skipped undefined id "*id*" during merge of access list Id occurred *number* times**

Explanation

During an IBM Security zSecure Admin database merge, pass 8, an access list ID was encountered that did not exist in the RACF database. This access list entry will not be merged. You may ignore this message; run VERIFY PERMIT to clean up the RACF database.

Severity

04

CKR0680 **Skipping non-base segments for profiles *discrete-name***

Explanation

During an IBM Security zSecure Admin database merge, several discrete profiles had an identical name. In addition, non-base segments were found. The non-base segments cannot be assigned to a base segment and will be skipped.

Severity

04

CKR0681 **General resource class *name* is only present on the source system (Profiles are not merged) *ignored***

Explanation

During an IBM Security zSecure Admin database merge, pass 1, the general resource class *name* was encountered, which contains profiles which are selected to be merged. However, the class is only present on the source system. The profiles will not be merged. If a mergerule was specified for the class, a third line *ignored* will be shown with the format MERGERULE SOURCECLASS=class ignored.

Severity

00

CKR0682 **General resource class *name* is generic on the source system, not on the current (SETROPTS GENERIC written to CKRCMD)**

Explanation

During an IBM Security zSecure Admin database merge, pass 1, the general resource class *name* was encountered, which contains generic profiles which are selected to be merged. However, generic processing for the class is only active on the source system. A SETROPTS GENERIC command for the class has been written to CKRCMD. If this is not desired, exclude the class from the database merge.

Severity

00

CKR0683 **General resource class *name* is active on the source system, not on the current**

Explanation

During an IBM Security zSecure Admin database merge, pass 1, the general resource class *name* was encountered, which contains profiles which are selected to be merged. However, the class is only active on the source system. The profiles will be merged, but may not perform a useful function on the current system.

Severity

00

CKR0684 **Invalid conditional access list entry for id *name* - skipped Profile: *class key***

Explanation

During an IBM Security zSecure Admin database merge, pass 8, a conditional access list entry for user or group *name* was encountered that contains garbage. RACF PTF levels existed in the past that could create such invalid entries. The profiles will be merged, but may miss the remainder of the access list on the current system.

Severity

08

CKR0685 **File *filename* effective linelength *nn* conflicts with first CKRCMD linelength *mm* used for NEWLIST DD=CKRCMD**

Explanation

If you use CKRCMD output and process the databases of more than one security complex, then output is not written to one file only. Instead, it is redirected automatically to one TYPE=CKRCMD file per complex. NEWLIST definitions are (can be) linelength-dependent. Because of this it is required that the effective linelength is identical for all these TYPE=CKRCMD files. This requirement is not present if you do not use a NEWLIST DD=CKRCMD.

Severity

12

CKR0686 **ACF2_CHANGE *num* reads beyond end-of-record**

Explanation

An ACF2 SMF record for a logonid or infostorage change claimed to contain information beyond the end of the record. Possibly the record was truncated.

Severity

08

CKR0687 **Some ACF2_CHANGE values omitted**

Explanation

An ACF2 SMF record for a logonid or infostorage change contained more information than fit into internal zSecure Audit buffers. Some repeat group values will be missing.

Severity

08

CKR0688 **Unknown ACFATYPE *xx***

Explanation

An ACF2 SMF record contained an unsupported value for the field ACFATYPE. The unsupported value is given in hex.

Severity

20

CKR0689 **Unknown ACF2 subtype *xx***

Explanation

An ACF2 SMF record contained an unsupported value as the value for ACSMFREC (the record subtype). The unsupported value is given in hex.

Severity

20

CKR0690 **Unsupported ACF2 mode=*xxx***

Explanation

An ACF2 SMF record contained an unsupported value as the value for ACVMFTF. The unsupported value is given in hex.

Severity

20

CKR0691 **In *module - description***

Explanation

This is a progress indicator of the merge process.

Severity

00

CKR0692 **File *file* additional snapshot was created at *timestamp***

Explanation

This messages indicates that a TYPE=CKFREEZE input file contained two concatenated system snapshots. This second snapshot is ignored by IBM Security zSecure.

Severity

00

CKR0693 **Two-pass read of merge source activated**

Explanation

This message indicates that the merge source database has to be read twice to minimize memory usage. This is usually caused by selection fields like ANYSUPGRP that need to know the group-structure to operate.

Severity

00

CKR0694 **Field *fieldaddr fieldname* format *outputformat* not supported for modify - defined at *ddname* line *number***

Explanation

A field was modifiable in principle but the output format used is not supported for modification. If you did not specify an overriding format, then this is an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0695 **Safety limit of 50 repeat commands exceeded**

Explanation

The MERGE command generation automatically splits commands in pieces of 16KB. After 50 such splits the command was still not complete. Command generation has been abandoned, because it is highly probable that there is an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR0696 **No CKRCMD for merge *function***

Explanation

A merge was requested but no file was present to generate the commands for the specified database function (source or current).

Severity

08

CKR0697 **Unknown entity type *nn***

Explanation

The profile caching mechanism encountered an unsupported entity type. See the IBM Support Community for possible maintenance associated

with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR0698 **Duplicate connect *user* / *group***

Explanation

The profile caching mechanism encountered a duplicate connect in a non-RDS RACF database.

Severity

20

CKR0699 **MERGERULE SOURCECLASS specified for class *class* but class not found in source CDT**

Explanation

A MERGERULE SOURCECLASS was specified for a class that is not present in the class descriptor table of the source database. Make sure the class name is specified correctly.

Severity

12

CKR messages from 700 to 799

CKR0700 **First volume catalog entries conflict, file *seq volser datasetname* first *vol2***

Explanation

This message is issued if two ICF catalog entries indicate different first volumes for *datasetname*, sequence number *seq* on tape volume *volser*. There is no way to determine which one is correct; *vol2* is the ignored indication.

Severity

08

CKR0701 **First volume conflict in tape mgmnt for file *seq volser datasetname* first *vol2***

Explanation

This message is issued if two tape catalog entries indicate different first volumes for *datasetname*, sequence number *seq* on volume *volser*. There is no way to determine which one is correct; *vol2* is the ignored indication.

Severity

08

CKR0702 **First volume conflict tape mgmnt/ TVTOC, file *seq volser datasetname* first *vol2***

Explanation

This message is issued if a TVTOC entry in the RACF database conflicts with the tape management catalog as to the first volume for *datasetname*, sequence number *seq* on volume *volser*. The tape management catalog will be considered correct, and the TVTOC indication, *vol2*, will be ignored.

Severity

08

CKR0703 **First volume conflict tape mgmnt/ catlg, file *seq volser datasetname* first *vol2***

Explanation

This message is issued if an ICF catalog entry conflicts with the tape management catalog as to the first volume for *datasetname*, sequence number *seq* on volume *volser*. The tape management catalog will be considered correct, and the ICF catalog indication, *vol2*, will be ignored.

Severity

08

CKR0704 **First volume conflict with tape mgmnt, file *seq volser datasetname* first *vol2***

Explanation

This message is issued if an information source (probably ICF catalog, possibly TVTOC) conflicts with the tape management catalog as to the first volume for *datasetname*, sequence number *seq* on volume *volser*. The tape management catalog will be considered correct, and the other indication, *vol2*, will be ignored.

Severity

08

CKR0705 **First volume conflict with catalog for file *seq volser datasetname* first *vol2***

Explanation

This message is issued if an information source (probably ICF catalog, possibly TVTOC) conflicts with an ICF catalog entry as to the first volume for *datasetname*, sequence number *seq* on volume *volser*. The earlier information will be considered correct, and the new ICF information, *vol2*, will be ignored.

Severity

08

CKR0706 **First volume conflict catalog/ TVTOC for file *seq volser datasetname* first *vol2***

Explanation

This message is issued if an ICF catalog entry conflicts with a TVTOC entry in the RACF database as to the first volume for *datasetname*, sequence number *seq* on volume *volser*. The TVTOC information will be considered correct, and the ICF catalog indication, *vol2*, will be ignored.

Severity

08

CKR0707 **Erroneous count in multi-volume link table, complex *volser* count *count***

Explanation

This message is issued if the count field declaring the number of secondary volumes defined for the complex starting with *volser* in the ensuing link table is less than 1 or exceeds the maximum value, i.e., *count* is greater than 5 (for a TLMS base record) or 32 (for a TLMS multi-volume record). Any multi-volume link information in this record is ignored.

Severity

08

CKR0708 **Bad sequence number in multi-volume table of complex *volser* sequence number *vseq***

Explanation

This message is issued if an entry in a table defining secondary volumes for the TLMS complex starting with *volser* contains a volume sequence number *vseq* less than 2. Such entries are skipped.

Severity

08

CKR0709 **CONVERSION *abend-type* for TLMS volume *volser***

Explanation

This message is issued when converting the volume sequence or volume count field in a CKFREEZE entry representing a TLMS base record for volume *volser* from packed decimal to binary fails. Any multi-volume information in this record is ignored.

Severity

20

CKR0710 **Volume sequence conflict in multi-volume complex *volser* sequence number *vseq* ignored *vol2***

Explanation

This message is issued if *vol2* was identified as the *vseq*th volume of the multi-volume complex starting with *volser*, but another volume had already been. The new link information is ignored.

Severity

08

CKR0711 **Secondary volume is scratch in nonscratch complex *volser* volume *vol2***

Explanation

This message is issued if *vol2* is a scratch secondary volume in a complex starting with the nonscratch volume *volser*.

Severity

08

CKR0712 **Alleged first volume denies involvement in complex *volser* referenced by *vol2***

Explanation

This message is issued if a nonscratch volume *vol2* was linked to a TLMS complex starting with *volser*, but *volser* was not identified as the start of a multi-volume complex by its base record or no base record was found for it.

Severity

08

CKR0713 **Orphan secondary volume in TLMS multi-volume complex *volser* orphan volume *vol2***

Explanation

This message is issued if a nonscratch volume *vol2* refers to another volume *volser* as the first of its TLMS complex, but no appropriate link information was found.

Severity

08

CKR0714 **Multi-volume complex without any secondary volumes *volser* count *count***

Explanation

This message is issued if a volume *volser* was identified as the start of a multi-volume complex, but no valid link information was found for it at all. *count* is the volume count as indicated in *volser*'s base record.

Severity

08

CKR0715 **Missing secondary volume in multi-volume complex *volser* sequence number *vseq***

Explanation

This message is issued if *volser* was identified as the start of a multi-volume complex and some link information was found, but an intermediate volume is missing.

Severity

08

CKR0716 **Non-VSAM data set found in VVDS but not in VTOC - *volser datasetname***

Explanation

Incidental cases may be the result of actions performed by the system between reading of the VTOC and the VVDS by zSecure Collect (opening the VVDS takes a considerable amount of time). If this message is reproducible for the same data set (run zSecure Collect again first), then a problem exists. Perform the IDCAMS DIAGNOSE function on the VVDS: maybe a DELETE NVR command will help.

Severity

08

CKR0717 **Non-VSAM data set found in VVDS multiple times - *volser datasetname***

Explanation

When deleting data sets a non-VSAM SMS-managed data set will be DELETEd primarily via the catalog mentioned in the NVR and DELETEd NOSCRATCH from other catalogs. This message indicates multiple NVRs were found, so the generated commands do not have the NOSCRATCH keyword for several catalogs for a single data set; this means one or more commands may fail. Be extra attentive when reviewing the generated commands.

Severity

08

CKR0718 **Resource deletion: DELETE non-VSAM *volser datasetname catalogname***

Explanation

This message indicates a DELETE was generated for a non-VSAM data set called *datasetname*. If *catalogname* equals **default catalog** no catalog

keyword was specified, else the command was specifically directed to the catalog displayed.

Severity

00

CKR0719 **Resource deletion: DELETE non-VSAM NOSCRATCH *volser datasetname catalogname***

Explanation

This message indicates a DELETE NOSCRATCH was generated for a non-VSAM data set called *datasetname*. If *catalogname* equals **default catalog** no catalog keyword was specified, else the command was specifically directed to the catalog displayed.

Severity

00

CKR0720 **Resource deletion: SUPPRESS del n-vsam noscr *volser datasetname catalogname***

Explanation

This message indicates a DELETE NOSCRATCH would have been generated for a non-VSAM data set called *datasetname* if you would have allowed the generation of DELETE NOSCRATCH commands. If *catalogname* equals **default catalog** no catalog keyword would have been specified, else the command would have been specifically directed to the catalog displayed.

Severity

00

CKR0721 **Resource deletion: DELETE cluster *datasetname catalogname***

Explanation

This message indicates a DELETE was generated for a VSAM cluster called *datasetname*. If *catalogname* equals **default catalog** no catalog keyword was specified, else the command was specifically directed to the catalog displayed.

Severity

00

CKR0722 **Resource deletion: DELETE cluster NOSCRATCH *datasetname catalogname***

Explanation

This message indicates a DELETE NOSCRATCH was generated for a VSAM cluster called *datasetname*. If *catalogname* equals **default catalog** no catalog keyword was specified, else the command was specifically directed to the catalog displayed.

Severity

00

CKR0723 **Resource deletion: SUPPRESS delete cluster NOSCRATCH *datasetname catalogname***

Explanation

This message indicates a DELETE NOSCRATCH would have been generated for a VSAM cluster called *datasetname* if you would have allowed the generation of DELETE NOSCRATCH commands. If *catalogname* equals **default catalog** no catalog keyword would have been specified, else the command would have been specifically directed to the catalog displayed.

Severity

00

CKR0724 **Resource deletion: DELETE GENERATIONDATAGROUP *datasetname catalogname***

Explanation

This message indicates a DELETE GENERATIONDATAGROUP was generated for a GDG called *datasetname*. If *catalogname* equals **default catalog** no catalog keyword was specified, else the command was specifically directed to the catalog displayed.

Severity

00

CKR0725 **Resource deletion: DELETE ALIAS *aliasname catalogname***

Explanation

This message indicates a DELETE ALIAS was generated for a catalog alias called *aliasname*. If *catalogname* equals **master catalog** no catalog keyword was specified, so the command will act on the active master catalog; else the command was specifically directed to the catalog displayed, normally a nonactive master catalog.

Severity

00

CKR0726 **Resource deletion: DELETE non-VSAM DSCB from *volser datasetname reason***

Explanation

This message indicates a command sequence ALLOCATE - FREE DELETE was generated to delete the DSCB of a non-VSAM data set called *datasetname* residing on volume *volser* because no suitable DELETE was possible. This is the case if the data set is cataloged on the default system, but not in any connected catalog, in which case *reason* will be **unconnected catalog**; or if it is only in catalogs on DASD that is not shared with the default system, in which case *reason* will be **remote catalog not shared**; or if no catalog entry was found at all, in which case *reason* will be **not in any catalog anywhere**.

Severity

00

CKR0727 **Resource deletion: orphan non-VSAM DSCB kept *volser datasetname reason***

Explanation

This message indicates a command sequence ALLOCATE - FREE DELETE would have been generated to delete the DSCB of a non-VSAM data set called *datasetname* residing on volume *volser* if you would have allowed the generation of such sequences because no suitable DELETE was possible. This is the case if the data set is cataloged on the default system, but not in any connected catalog, in which case *reason* will be **unconnected catalog**; or if it is only in catalogs on DASD that is not shared with the default system, in which case *reason* will be **remote catalog not shared**; or if no catalog entry was found at all, in which case *reason* will be **not in any catalog anywhere**.

Severity

00

CKR0728 **Catalog entries disagree on the previous volume of *diskvolser datasetname* previous *vol2***

Explanation

This message is issued if two ICF catalog entries indicate different previous volumes for the same disk volume serial. There is no way to determine which is correct; *vol2* is the ignored link.

Severity

08

CKR0729 **First volume of catalog entry is secondary in other *volser datasetname***

Explanation

This message is issued if one ICF catalog entry indicates that disk volume *volser* is the first volume of *datasetname*, while another indicates it is a secondary volume. The entry encountered first is considered correct, the other is ignored.

Severity

08

CKR0730 **Resource copying: DEFINE ALIAS *aliasname catalogname***

Explanation

This message indicates a DEFINE ALIAS was generated for a catalog alias called *aliasname*. If *catalogname* equals **master catalog** no catalog keyword was specified, so the alias will be defined in the active master catalog; else the command was specifically directed to the catalog displayed, normally a nonactive master catalog. The new alias is related to the same catalog as the alias copied (not shown).

Severity

00

CKR0731 **RACFVARS profile key has no leading '&': *profilename* complex *complex version***

Explanation

A general resource profile was encountered in class RACFVARS with an unexpected format.

Severity

04

CKR0732 **No CKFREEZE present, no resource *management* commands are generated**

Explanation

This message indicates that certain types of commands pertaining to resources would have been generated if a CKFREEZE had been present. *management* is equal to either **deletion** or **copying** if only resource deletion or copying commands would have been generated, or **deletion and copying** if both would have been. This message is also echoed to the CKRCMD file. It is not issued when these functions are explicitly suppressed or not implied.

Severity

00

CKR0733 **VSM area conflict: *address* is *type1 name1* and *type2 name2***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0734 **Imbed failed, file *ddname1* not allocated at *ddname2* line *number***

Explanation

This message indicates that the external data source could not be imbedded, because the specified ddname, *ddname1*, was not allocated.

Severity

12

CKR0735 **IMBED parameters FILEDESC/ PATH mutually exclusive with DD/MEM at *ddname* line *number***

Explanation

The imbed statement can only contain one external data source.

Severity

12

CKR0737 **Requested new owner *owner* is undefined on complex *complex***

Explanation

This message is issued when the owner specified for a copy user action is not defined in the complex mentioned.

Severity

12

CKR0738 **Requested new default group *group* is undefined on complex *complex***

Explanation

This message is issued when the default group specified for a copy user action is not defined in the complex mentioned.

Severity

12

CKR0739 **Resource deletion: DELETE migrated cluster MIGRAT *dsname catalog***

Explanation

This message indicates that a migrated VSAM cluster data set name present in the HSM MCDS has a high level qualifier that should be deleted. A DELETE PURGE command has been generated to accomplish a delete without automatic restore.

Severity

00

CKR0740 ... CKR0777 ***message***

Explanation

All messages in this range are internal error messages generated as a result of internal consistency checking. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0778 **The PROTECTED parameter cannot be used with either the**

NEWPASSWORD or NEWPHRASE parameters.

Explanation

The PROTECTED parameter allows you to set up a user ID that cannot be used to log on. The NEWPASSWORD and NEWPHRASE parameters are used to establish a password or password phrase for a user ID.

User response

If you want to set up a user ID that has a password or password phrase, remove the PROTECTED parameter. If you want to set up a user ID that cannot be used to logon, remove the NEWPASSWORD or NEWPHRASE parameters.

Severity

12

CKR0779 ... CKR0785 ***message***

Explanation

All messages in this range are internal error messages generated as a result of internal consistency checking. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0786 **CKRXINIT.CKRDIDID: Identity filter name is longer than 246 - *name***

Explanation

The DMAPNAME field in a user profile contains an identity filter reference that exceeds the maximum length supported. The RACMAP_REGISTRY field might miss values.

Severity

20

CKR0787 ***message***

Explanation

This internal-error message is generated as a result of internal consistency checking. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0788 **Owner field for user *userid* not filled in**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0789 ... CKR0791 ***message***

Explanation

All messages in this range are internal error messages generated as a result of internal consistency checking. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0792 **End of used area in middle of profile: *ddname* block *blockno* segment offset *segno***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0793 **Database conflict for *complex* between *ddname1* and *ddname2* - specify unique complex names**

Explanation

Multiple security databases were found for the same complex name. This can be caused by a default complex name being derived (for example, from ZSECSYS) that is the same as an explicitly specified complex name.

User response

Make sure that you use a unique complex name for each security database.

Severity

16

CKR0794 **CKROUBU range error, TLHVIX=*num1* BUHD#TLHD=*num2***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0795 **BUNDLEBY not found**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0796 **CKACMEM: No dataset context available**

Explanation

This message indicates an internal error condition in the zSecure Audit Library Update report. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0797 **CKACMEM: No TVOL for *dataset volume***

Explanation

This message indicates an internal error condition in the zSecure Audit Library Update report. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0798 **CKACMEM: No CVOL for *dataset volume***

Explanation

This message indicates an internal error condition in the zSecure Audit Library Update report. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0799 **CKACMEM: No CFIXB *dataset volume***

Explanation

This message indicates an internal error condition in the zSecure Audit Library Update report. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures

described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR messages from 800 to 899

CKR0800 ... CKR0801 ***message***

Explanation:
These are messages from architectural subcomponents.

User response:
If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR0802 **Out-of-order parameter *parameter* at *source***

Explanation:
The indicated parameter was expected at a different position relative to other parameters.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR0803 **Invalid OS formatted RACF DB specified for ddname *data.set.name***

Explanation

This message indicates that the RACF database data set specified above as a part of the VM installation process either does not exist or is not an OS formatted RACF database file. Check your VM installation to ensure that you specified the correct options.

Severity

16

CKR0804 **Error OS formatted RACF DB has *nn* extents. Only able process if it has 1 extent**

Explanation

This message indicates that the RACF database data set specified above as a part of the VM installation process either does not exist or is not an OS formatted RACF database file. Check your VM installation to ensure that you specified the correct options.

Severity

16

CKR0805 **I/O error on device *nnnn* cc=*mm* R15=*nn***

Explanation

This message indicates that an I/O error occurred attempting to issue a DIAG A8 to return the sense information for the OS formatted RACF database. Submit an error report to IBM Software Support.

Severity

08

CKR0806 **FILEDEF error RC=*nn* for ddname *fn ft fm/data.set.name***

Explanation

This message indicates that an error occurred during an attempt to issue a FILEDEF command either for a CMS file (*fn ft fm*) or for the OS formatted RACF database (*data.set.name*). Submit an error report to IBM Software Support.

Severity

08

CKR807I **CKRCARLA Abend retry requested but not allowed**

Explanation:
This WTO message is issued if an abend occurred, but the operating system does not support recovery and continuation of the program. The abend was intercepted by a local recovery routine.

CKR808I **CKRCARLA Abend retry for cleanup requested but not allowed**

Explanation:
This WTO message is issued if an abend occurred, but the operating system does not support recovery and continuation of the program. The abend was intercepted by a global recovery routine that was setup because of the ALLOC CLEANUP parameter.

CKR0809 ***procedure* call type *type* on *ddname* after record *recno* reports: *msg***

Explanation:
The procedure named, which writes a record, issued a non-zero return code with explanation *msg*. *recno* indicates the number of records that were successfully written before.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR0810 ... CKR0836 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

0

CKR0837 **IDENTIFY RC=*n* for CKRSRVIN at *address***

Explanation

This message indicates a failure of the IDENTIFY service to establish the indicated module name at the indicated address.

User response

See the MVS documentation for the "IDENTIFY service."

Severity

12

CKR0838 ... CKR0839 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR0841 **Severe *function* error [*msg*] PC RC=*n* - issuing user abend 841**

Explanation

While reading from a remote node (SRVIN) or writing to a remote node (SRVOU), the Program Call interface of the server returned an error condition. The *function* can be SRVIN or SRVOU and, optionally, a message type *msg* is included.

User response

Verify that the server is active, then restart the server and try again.

Severity

16

CKR0842 **SPECPROC returned length out of range R0=*xxxxxxx* - issuing user abend 842**

Explanation

This message indicates that one of the internal interfaces related to the zSecure Server received an unexpected length and issued an abend.

User response

Collect SYSPRINT on both the local and remote sides and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0843 **FILEDATA=RECORD record *recno* has *bytes* bytes (hex), exceeding *max_bytes* bytes; closing file *ddname path***

Explanation

This message indicates record *recno* of UNIX file *path* in FILEDATA=RECORD format has *bytes* bytes. This value exceeds the maximum allowed number of bytes: *max_bytes*. This indicates that the file is corrupted. Consequently, no attempt is made to read further records from the file. The file is closed.

Severity

08

CKR0844 **Last FILEDATA=RECORD record truncated by end-of-file *ddname path***

Explanation

This message indicates that an end-of-file was reached for UNIX file *path* in FILEDATA=RECORD format in the middle of a record. This is an indication that the file is corrupted.

Severity

08

CKR0845 ***module* CKNSRVIR queue *file* message *type* from *zsecsys* length *length* because waiting on *zsecsys2* file *file2***

Explanation:
This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0

CKR0846 ***module* CKNSRVIR return queued *file* message *type* from *zsecsys* length *length***

Explanation:
This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0

CKR0847 ***message***

Explanation:
This message is in response to debugging options. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
00

CKR0848 **DTISPF.FMTVXML called but not yet enabled**

Explanation

This message indicates a problem with the routine to escape characters for XML output.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Provide a description of how to recreate this problem for analysis.

Severity

24

CKR0849 ... CKR0850 ***message***

Explanation

These are messages from architectural subcomponents. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR0851 **Local CKNSERVE server no longer available (*abend information*)**

Explanation:
An abend occurred when calling the zSecure Server. The most common *abend information* is `system abend 0D6-27 (non-existent program call)`, which is caused by a stop or cancel of the zSecure Server while the CKRCARLA program was running.

User response:
Verify that the zSecure Server is not stopped while it is used by other zSecure programs. If you need assistance about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR0852 **RESTART interval end detected at *timestamp* during *ddname* input wait at record *number***

Explanation:
The end of a restart interval is reached. This can be later than expected if the program was waiting in a blocking call while the interval expired.

Severity

00

CKR0853 **GETPROC *procname* OPEN (call type *type*) on *ddname* return code *rc*,**

Explanation:
The OPEN of a GETPROC routine fails and no other message was issued wIth CKR0929.

Severity

00

CKR0854 **GETPROC *procname* OPEN (call type *type*) on *ddname* return code *rc* - recovery attempt in progress**

Explanation:
This message is issued after a CKR0929 message if the GETPROC procedure requested a retry by CLOSE/OPEN and the CLOSE and OPEN were successful. The next part of the recovery attempt is a GET request. If that fails, CKR0855 is issued.

Severity

00

CKR0855 **GETPROC *procname* GET (call type *type*) on *ddname* return code *rc* - recovery failed**

Explanation:
This message is issued after a CKR0929 message if the GETPROC procedure requested a retry, and the CLOSE and OPEN were successful, but the next GET failed again. zSecure concludes that recovery failed.

Severity

16

CKR0874 **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKR0875 **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting

processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKR0876 ... CKR0899 ***message***

Explanation

These are messages from architectural subcomponents. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 900 to 999

CKR0900 ***debug message***

Explanation

This debug message is only relevant for IBM Software Support and is not present in any Generally Available version of the software.

Severity

00

CKR0901 **DTISPF internal error: MX#B > DTLNLEN**

Explanation

This message indicates a problem in formatting the display. Unexpected data may be displayed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Provide a description of how to recreate this problem for analysis.

Severity

24

CKR0902 **ENDDTPRO error: written beyond DTLNLEN**

Explanation

This message is followed by a user abend 902. It indicates that the program is terminating because of a problem.

User response

Make sure that you have no DEBUG command in your input and try again. If the problem persists without DEBUG options, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0903 **Attempt to use uninstalled function - user abend 903**

Explanation:
A CARLa script that is being processed (implicitly) refers to a function that belongs to a zSecure feature that is not available in the user configuration. For example, an ACF2-specific function in a RACF-only installation. This message is followed by a user ABEND 903.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0904 **Unconditional access is required to read from file *file vol dsn(member)***

Explanation

A data set to which only conditional (PADS) access was granted was requested for SYSIN or XMLIN input. Unconditional read access is needed to read this type of data. The data set is not processed.

Severity

12

CKR0905 **A member name is required to read from file *ddname* data set *dsn***

Explanation

An imbed statement was present referring to a PDS(E) data set, but the member to be read from that data set was not specified. Add the correct member to the imbed statement and resubmit the query.

Severity

12

CKR0907 **DYNALLOC trace: SVC 99 return code *nn* - *meaning***

Explanation

This message is issued either because of DEBUG SVC99, or because of a failed SVC99 where DAIRFAIL did not return a message text. It has continuation lines detailing the individual text units contents after SVC 99 (DYNALLOC) completion.

Severity

00

CKR0908 **CCSID conversion from *nn* to *mm* fails and no fallback**

Explanation

CCSID conversion has failed (for details, see CKR0917). Fallback was allowed or forced by SUPPRESS MSG=917, but there is no fallback support for this specific CCSID pair. This message is issued only once per CCSID pair.

Severity

16

CKR0908 **CCSID conversion from *nn* to *mm* system abend 019-00 because z/OS V1R2 or higher is required**

Explanation

The Unicode services are required for the requested function or input, but not available on this operating system level. Hence the translation service issued a system abend 019 reason code 0 ("downlevel system"). No fallback is possible. The program may subsequently terminate with another S019-00 abend.

Severity

16

CKR0909 **CCSID conversion from *nn* to *mm* fallback to simple low-128 character translation**

Explanation

CCSID conversion has failed (for details, see CKR0917). Fallback will be done because either there was no explicit request for UTF-8 output, or because message 917 was explicitly suppressed. Fallback means that a simple ASCII translation will be done. This implies that any UTF-8 characters that are not the equivalent of the low 128 ASCII characters will be displayed as one or more dots (depending on the length of the UTF-8 character). Possibly whole names consist only of dots in this fallback mode. This message is issued only once per CCSID pair.

Severity

00

CKR0910 **HLLENQ status report *identifier***

Explanation

These messages are issued in response to DEBUG ENQ.

Severity

00

CKR0911 ***service* RC=*rc* hex RSN=*rsn* hex [for *qname-scope rname*]: *explanation***

Explanation

A call to the indicated service (either ENQ or ISGENQ) did not complete with RC=0. This may happen for a perfectly innocent reason, such as an APF authorized program issuing an ENQ against the unauthorized QNAME CKRDSN. Hence, this message should be considered informational only.

Severity

00

CKR0912 **STIMERM error: *explanation***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0913 **Serialization could not obtain all ENQs**

Explanation

The program could not obtain ENQs on all requested resources, and hence cannot continue. The resource for which no ENQ could be obtained has been identified in a preceding message CKR0911.

Severity

16

CKR0913 **Serialization encountered a serious error**

Explanation

The program attempted to obtain ENQs on all requested resources, but encountered an unexpected condition. The run cannot continue. Look for a preceding message CKR0911 to identify the exact cause of the failure.

Severity

16

CKR0913 **Serialization has obtained all ENQs**

Explanation

The program successfully obtained ENQs for all requested resources.

Severity

00

CKR0913 **Serialization starts waiting for ENQs**

Explanation

The program attempted to obtain ENQs on all requested resources, but not all resources were immediately available. The program will wait for the remaining resources to become available.

User response:
Look for a preceding message CKR0911 to identify the resources that were not immediately available.

Severity

04

CKR0913 **Serialization WAIT timed out**

Explanation

The program attempted to obtain ENQs on all requested resources, but not all resources were immediately available. After waiting for the number of minutes specified on the MAXWAIT subparameter of the OPTION SERIALIZATION command, one or more required resources were still unavailable. The program gives up and aborts the run.

User response:
Look for a preceding message CKR0911 to identify the unavailable resources.

Severity

16

CKR0913 **Serialization WAIT stopped by ATTN interrupt**

Explanation:
The program attempted to obtain ENQs on all requested resources, but not all resources were immediately available. While waiting for the resources to become available, the terminal user pressed the attention key. The program stops waiting and terminates.

User response:
Look for a preceding CKR0911 message to identify the unavailable resources.

Severity

16

CKR0914 **Multiple HLLQENQ ACTION=xxx,ID=*id* calls without an intervening HLLQDEQ ID=*id* or HLLQDEQ ALL are not supported**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0915 **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM UNIX System Services manual to look up other return and reason codes.

Severity

16

CKR0915 **Deflate record *nn* failed RC *nn* *meaning*, file *ddname pathname***

Explanation

This message indicates that the compression routines found a severe error. A user abend 915 is issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0916 **CCSID conversion from *nn* to *nn* warning RC=*nn* reason *rrrrrrrr* x *meaning* [Length left for source *nnn* target *nnn*] [Suspect length>16MB source *xxxxxxxx* target *xxxxxxxxx*]**

Explanation

This message indicates a failure in conversion of character encoding between the indicated CCSIDs. 1208 stands for UTF-8; 37, 1140, 1147 are typical EBDIC encodings. A common cause is printing into columns that are too small—while the UTF-8 representation can be wider than the EBCDIC representation—or trying to convert while a SET UNI command is in progress (for example, to load new conversion tables). The severity is 4 to indicate that the program continues operation.

The message can contain a subline about suspect length, followed by a user abend 916. If this occurs, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. This message (and the abend) is suppressible.

Severity

04

CKR0917 **CCSID conversion from *nn* to *nn* error RC=*nn* reason *nnnn* x *meaning* [Suspect length>16MB source *nnn* target *nnn*]**

Explanation

This message indicates a severe failure in the conversion of character encoding between the indicated CCSIDs. 1208 stands for UTF-8; 37, 1140, 1147 are typical EBDIC encodings. Common causes are: the absence of the proper conversion image needed for conversion between the indicated CCSIDs, or no SET UNI having been done at all to load conversion images (on lower z/OS releases).

You might need to contact the person who maintains Unicode support on your system.

The message can contain a subline about suspect length, followed by a user abend 917. If this occurs, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

This message (and the abend) is suppressible. If suppressed, fallback to a basic ASCII translation will be attempted, but all non-US characters will translate to one or more dots. Suppressing while ENCODING=UTF-8 is specified for an output file is not recommended, in the sense that the output is *not* guaranteed to conform to the UTF-8 standard.

The severity of this message is 4 if fallback was to be attempted and 16 if fallback was not allowed due to ENCODING=UTF-8. If this message is explicitly suppressed by a SUPPRESS MSG=917 command, then

fallback to an ASCII translation will be attempted even if an ENCODING=UTF-8 request is present. In case of a fallback attempt a message CKR0908 or CKR0909 will be issued.

Severity

04 or 16

CKR0918 **Uninitialized anchor passed to CCSID conversion**

Explanation

This message indicates a program failure where conversion is requested without first telling between which encodings. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

A user abend 918 is issued. This message (and the abend) may be suppressed, but results are unpredictable.

Severity

24

CKR0919 **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0920 **DELDUP: Element size is *size* - DICT option ignored**

Explanation

A field with a specified or implied NODUP option was handled incorrectly. This may appear as a storage leak. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0921 **DELDUP: Called with element size 0**

Explanation

A field with a specified or implied NODUP option was handled incorrectly. The field will not be sorted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0922 **DELDUP: Called with NIL pointer**

Explanation

A field with a specified or implied NODUP option was handled incorrectly. The field will not be sorted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0923 **Input from a TSO/E terminal is not supported - DD *ddname***

Explanation

Input from a TSO/E terminal in line mode is not supported.

Severity

20

CKR0924 **DD *ddname* DSN *dsn* invalid block size: *blksize***

Explanation

After ddname has successfully been OPENed, its DCB must indicate a positive block size unless ddname is a DUMMY device.

Severity

16

CKR0925 **Member *member* DDname *ddname* DSname *dsn* Problem description**

Explanation

The program received a non-zero return code from the FIND SVC when trying to locate the indicated member. The problem description on the second line gives the exact nature of the problem.

Severity

16

CKR0926 **LOAD of module *module* failed**

Explanation

The program expected the module named to be available. However, it could not be found. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0927 **CEEPIPI(call_sub) to *procedure* failed: *reason***

Explanation

This is an internal error that indicates that a subroutine could not be called via LE. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0928 **LE environment could not be established|terminated, RC *rc***

Explanation

This is an internal error in the Language Environment® processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR0929 ***procedure* call type *type* on *ddname* after record *recno* reports: *msg***

Explanation

The specified procedure, used on an ALLOCATE GETPROC= statement, issued a nonzero return code with explanation *msg*. If *msg* contains a C2P message number, check the *IBM Security zSecure Alert: User Reference Manual*. In other cases, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. *recno* indicates the number or records that were successfully obtained.

Severity

08

CKR0930 **Block count unequal - information may be missing for *ddname***

Explanation

This message can occur when reading from tape. It indicates that during End Of Volume processing of one or more tapes allocated to the ddname the block count as recorded in the DCB differs from the block count in the trailer label of the tape. The information read may not be complete.

Severity

08

CKR0931 ***proc*: Buffer overrun - dln=*destinationlength* sln=*sourcelength*:: *data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

It is possible to suppress the user ABEND 931 by specifying SUPPRESS FMTABEND (see the FMTABEND option for the SUPPRESS command in the *zSecure CARLa Command Reference*) or SUPPRESS MSG=931. However, this can result in corrupted output or other errors.

Severity

24

CKR0932 ***proc*: Dictionary entry at *address*: hash=*storedhash*, should be *actualhash* for *value***

Explanation

The specified dictionary entry was damaged, which was noted by *proc*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0933 **DICTDEL: LISTDEL for *address. hash32 avll avlr bc llll* returned RC=*rc***

Explanation

A delete request for the dictionary entry at the indicated *address* and with the displayed characteristics returned a nonzero return code *rc*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR0934 **Value *value* too large**

Explanation

This message indicates that the input parser received a numerical value that was too large. The maximum value that can be processed by the input parser is 2147483647.

Severity

12

CKR0935 ***Dictionary Statistics***

Explanation

These messages are issued in response to DEBUG DICT and can be used to determine the performance of the dictionary reference mechanism.

Severity

00

CKR0937 ***routine* internal error for *string* length *length***

Explanation:
The indicated *routine* failed in an attempt to add a dictionary entry with the indicated characteristics. If *routine* is DICTNEW, this might be a request to add an entry that already existed. User abend 937 is issued. The message and the abend can be suppressed with SUPPRESS MSG=937. If the problem remains, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR938I **Repeated ATTN, enter C(ont) T(erminate) or A(bend) -**

Explanation

This interactive prompt offers the option to terminate or abend the program after a repeated attention.

CKR0939 **Terminated due to repeated attention**

Explanation

Message written if T was selected at the CKR0938 prompt.

Severity

16

CKR0940 **Request to write record with negative length *hexnum* to *ddname* behind record *decnum* - user abend 940**

Explanation

This message indicates either a software problem or an attempt to connect input files to the wrong DD names. User abend 940 is issued. This message is suppressible and results in the record being skipped. However, the resulting output file might be unusable and can give rise to follow-on errors. Suppressing this message is not recommended except as directed by IBM Software Support.

User response

Check allocations and the validity of the connected data sets. If your checks do not reveal errors, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Provide relevant documentation.

Severity

16

CKR0942 **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

00

CKR0943 **More than 10 files for TEXTPIPE, skipping file *name***

Explanation

The current implementation of ALLOC TEXTPIPE is limited to a maximum of 10 files to be put into the pipe. The indicated file will be processed 'normally', i.e. without redirection to the textpipe.

Severity

16

CKR0944 **UNIX *type* close RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the *IBM Unix System Services* manual to look up other return and reason codes.

The *type* can be 'wronly' or 'rdonly'.

Severity

16

CKR0945 **UNIX *action* failed RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] *specification***

Explanation

This message indicates that a BPX1CLO, BPX1FCA, BPX1FCR, BPX1FCT, BPX1FST, BPX1OPN, BPX1PIP, BPX1RED, BPX1SPN, BPX1WAT, or an equivalent BPX4* call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqq* and reason code *rrrr*, both in hexadecimal format. For well-known return codes and reason codes, the numeric values are followed by an explanatory string. Use the *IBM UNIX System Services* manual to look up other return and reason codes.

The *action* can be 'wronly open', 'fchattr filefmt', 'fstat', 'fchaudit', 'fcntl filetag', 'rdonly open', 'pipe for spawn', 'close of pipe FD x*nn* after spawn', 'close of local pipe FD x*nn* for spawn cleanup', 'close of local pipe FD x*nn* before wait', 'read of pipe FD x*nn* after spawn', 'spawn', 'wait on spawn subprocess'.

Severity

4 or 16

CKR0946 **Unix record larger than buffer size *buflength*- split**

Explanation

This message warns that a record that originally was very large is now processed as two separate records.

Severity

04

CKR0947 **Reading filedesc *off* failed RC *nn* [*meaning*] reason *qqqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1RED (UNIX read) call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes, the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKR0948 **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

CKR0949 **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

00

CKR0950 **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

CKR0951 **system abend *code* (*desc*) trying to load module *module***

Explanation

This message indicates a failure to load a module and the reason. Abend 806 means the module could not be found. Abend 306 may mean that a controlled environment was present and the module to be loaded was not program controlled.

Severity

08

CKR0953 ***action* [RPL|GENCB/MODCB] error rc=*nn* reason=*nn* for *dd dsn* on *vol* after *nn* records**

Explanation:
This message indicates a failure reading the indicated VSAM data set.

Severity:
16

CKR0954 ***action* ACB error rc=*nn* code=*nn* for *dd dsn* on *vol***

Explanation

This message indicates a failure reading the indicated VSAM data set.

Severity

16

CKR0955 ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0959 ***type* PQUERY area DTAREA on panel *panel* return code *rc***

Explanation

Restart ISPF and if the problem persists, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR0960 Written *command*

Explanation

This message is issued by the command-execution module. It means that the indicated *command* was successfully written to CKRTSPRT.

Severity

00

CKR0960 Successful *command*; *command2*

Explanation

This message is issued by the command-execution module. It means that the indicated *command* or commands were successfully executed.

Severity

00

CKR0960 TSOCMD RC=*code* (decimal) for *command*; *command2*

Explanation

This message is issued by the command-execution module. It means that the indicated *command* or commands were executed but returned the indicated result *code*. Typically, this indicates that an error occurred in the command. This RC is the same as documented as CKX return code under Chapter 8, "CKX messages," on page 551.

Severity

00

CKR0961 *function* failed - *error message*

Explanation

This message is issued by the command-execution module, and means that the ISPF *function* (which can be BROWSE or LMFREE) failed. The error message returned by the function is included.

Severity

00

CKR0961 LMINIT failed - *error message*

Explanation

This message is issued by the command-execution module, and means that the ISPF LMINIT function failed. The error message returned by the function is included.

Severity

12

CKR0962 IKJTSOEV module not found

Explanation

This message is issued by the command-execution module, and indicates a TSO/E environment could not be established because the TSO/E environment module was not found. This can be caused by older TSO releases. This will cause return code 20 when encountered as part of an attempt to execute a TSO command, and otherwise 8.

Severity

08

CKR0962 IKJTSOEV return code *cc* reason code *rr* service reason code *src* (decimal)

Explanation

This message is issued by the command-execution module, and indicates a TSO/E environment could not be established because the TSO/E environment module failed with the indicated return and reason codes.

Severity

08

CKR0962 SVC 202 return code *cc*

Explanation

This message is issued by the command-execution module, and indicates a failure to execute a CMS command.

Severity

08

CKR0962 **CKXLOG PC call *abend***

Explanation:
The call to the CKXLOG server failed with an abend.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

4

CKR0962 **IEANTRT return code *cc***

Explanation:
The call to the named token service to retrieve the PC number for the CKXLOG functions failed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

8

CKR962A **Command terminated by attention**

Explanation

This message is issued by the command-execution module, and indicates a command was terminated by pressing the ATTN key.

Severity

08

CKR962B **Command not supported in background**

Explanation

This message is issued by the command-execution module and indicates a command could not be executed through the TSO service facility. This can be caused, for example, by not including CKGRACF in the TSO authorized command list (AUTHCMD) in PARMLIB member IKJTSOxx. You can activate changes to this member without an IPL by using the TSO PARMLIB command. For more information on the PARMLIB command, see the *TSO/E System Programming Command Reference*.

Severity

08

CKR962C **Command failed *abend code***

Explanation

This message is issued by the command-execution module, and indicates a command ended abnormally with the indicated *abend code*.

Severity

08

CKR962D **Out of memory**

Explanation:
UNIX System Service spawn encountered an out of memory condition.

User response:
Increase REGION (or possibly MEMLIMIT).

Severity

8

CKR962E **Not running in a TSO/E environment**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because command environment was not TSO/E.

Severity

08

CKR962F **Command failed, return code *code* (decimal)**

Explanation

This message is issued by the command-execution module. It indicates a command was unsuccessful and returned the indicated result *code*. If the message preceding this message is CKG740I, see the explanation of CKG740I. For all other situations, determine the command that was run and check the appropriate manual for possible return codes. For RACF commands, possible return codes are documented in the *RACF Command Language Reference*.

Severity

08

CKR962G **CKGRACF command produced a warning; return code 4**

Explanation

The CKGRACF command was executed successfully but did produce a warning message.

Severity

08

CKR962H **Spawn failed**

Explanation:
UNIX System Service spawn failed.

User response:
Look in the SYSPRINT or CKXPRINT for more details about the exact error condition.

Severity

08

CKR962I **Pipe unavailable**

Explanation:
UNIX System Service pipe is unavailable.

Severity

08

CKR962J **TSOXUSS RC=x*nnnnnnnn***

Explanation:
UNIX System Service interface failed with hexadecimal return code *nnnnnnnn*.

Severity

08

CKR962K **Wait failed**

Explanation:
UNIX System Service subprocess wait failed.

Severity

08

CKR962L **Command could not be found in an authorized library.**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the linklist, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

08

CKR962M **Command may have failed, return code <n>**

Explanation

This message indicates that a command returned a nonzero return code less than or equal to 4. This message causes a minimum return code of 4. It depends on the command whether this is a partial failure or a warning.

Severity

08

CKR962N **Command not allowed from APF mode - *command***

Explanation

This message is issued by the command-execution module, and indicates that the indicated command is not in the TSO AUTHCMD list and also not in a built-in list of safe commands to be called from an APF authorized program. If the command was requested by yourself, try running it under IKJEFT01 or without APF authorization. If this message is in response to a function, call IBM Software Support.

CKR962O **Command has flushed TSO stack - relogon required to close output trap file**

Explanation

This message is issued by the command-execution module. Generally this means that subsequent command output is not written to the SYSPRINT file. It may be lost or shown in line mode after leaving zSecure. Depending on the z/OS release, it may be sufficient to leave and reenter ISPF to restore normal behavior. In the worst case, a relogon may be required.

CKR962P **CLIST processing through % not supported**

Explanation

This message is issued by the command-execution module. It indicates an attempt to run an CLIST using the % operator. Execution of CLISTs is not supported.

Severity

08

CKR962Q **Quoting error**

Explanation:
UNIX System Service command parameter quoting is not understood.

Severity

08

CKR962R ***command* not supported for RRSF - command skipped**

Explanation:
command is not one of the RACF commands that are supported for transfer through the RACF Remote Sharing Facility (RRSF). The command is not executed and processing continues with the next command.

Severity

08

CKR962S **IKJEFTSR fails return code *error* reason code *reason***

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed. The command returned the indicated *error* code and *reason* code.

Severity

08

CKR962T **Command failed, ATTACH rc *rc* (decimal)**

Explanation

This message is issued by the command-execution module, and indicates failure to attach a TSO command.

Severity

08

CKR962U **Unauthorized functions cannot be invoked from an authorized environment**

Explanation

This message should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR962V **No command**

Explanation:
UNIX System Service command is a null string.

Severity

08

CKR962W **Command not found**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the linklist, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

08

CKR962X **Syntax error in the command name**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because the name was not syntactically correct.

Severity

08

CKR962Y **Authorized commands not supported in dynamic TSO**

environment - call from IKJEFT01 instead

Explanation

This is caused by a NEWLIST with the CMD option running in an unauthorized environment. When using the CMD option, an APF authorized environment is required, for instance by running under the TSO monitor program IKJEFT01, or by running under zSecure Alert. Note that the zSecure Audit main program CKRCARLA itself should not be installed as APF-authorized. As an alternative to the CMD option, you may write the output to a file and run procedure C2RCXTSO in a subsequent jobstep.

Severity

08

CKR0963 **Ambiguous *name* "*value*"**

Explanation

This message indicates an ambiguous abbreviation was entered, i.e. two or more keywords could be indicated by the abbreviated value. Specify the keyword intended in more detail.

Severity

12

CKR964I **Member name required for writes to PDS(E) data set *dsn***

Explanation

This message indicates that a member name is required, but not specified, for the data set with the indicated *dsn*. The program will issue user abend 964.

CKR965I **Member *mem* can only be used with PDS(E); not for *dsn***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the data set with the indicated *dsn*. The program will issue user abend 965.

CKR966I **Cannot use member *mem* on terminal file *ddname***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the terminal output file with the indicated *ddname*. The program will issue user abend 966.

CKR967I **RECFM=F invalid for LRECL=X,RECFM=VBS preferred data set *dsname***

Explanation

This message indicates that a fixed record format was specified but not allowed for the output file with the indicated *ddname.* This is not supported for the indicated data set. The program will issue user abend 967.

CKR0968 **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKR0969 **I/O error for: *description* [*optional 2nd line of description*] *ddname volser dsn*[(*member*)] [*volser dsn*]...**

Explanation

This message indicates that an I/O error occurred during normal QSAM, BSAM, or BPAM input processing for one of the data sets mentioned. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

The message contains the one or two lines of diagnostic data returned by the DFP SYNADAF call. DFP SYNADAF includes more information about this diagnostic data. It is followed by the DD name and the data set concatenation. For BPAM it will also show a member name in one of those data sets.

Severity

08

CKR970I ***program task heap*** **FREE STORAGE ERROR:** ***message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0971 **Maximum length for this *field* is *len* at *file* line *n***

Explanation

The input contains a multiple-line string that is too long. Multiple-line strings (print tiles or quoted strings) have a maximum size *len* that was exceeded.

Severity

12

CKR0972 **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

CKR0973 **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check the active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKR0974 **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKR0975 **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKR0976 **Code or enablement for product code *code* is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members for enablement information in your z/OS PARMLIB. If the members are specified correctly, contact your system programmer to verify installation.

Severity

16

CKR0976 **IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKR0977 **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed. The *action* can be "registration" or "status." The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of CKR0979).

Severity

00

CKR0978 **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued in response to DEBUG LICENSE for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

CKR0979 **Product code *code* implied by other**

Explanation

This message is issued in response to DEBUG LICENSE for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

If you are using the IBM Security zSecure Manager for RACF z/VM product, you should not get this message. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR0981 **Invalid *type* "*value*"**

Explanation

This message indicates that the text *value* is not a valid value in the context *type*.

Severity

12

CKR0982 **Internal error: unknown error code at *ddname* line *number***

Explanation

The input parser error routine encountered an invalid error code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR0983 **Expecting *type1* list separator/ terminator instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list separator or terminator for the current list of the indicated type (this can for instance be a comma, blank, or end-of-line, depending on the context). Instead, it encountered the indicated token type *type* (and text *value*, if available). The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

CKR0984 **Invalid *type* list element type *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list element of the specified type, but found a token of a type not supported as a list element in this context. If available, the offending text *value* is also listed in the message. The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

CKR0985 **Required list element/parameter "*value*" missing at *ddname* line *number***

Explanation

This message indicates that the input parser detected a missing required parameter or element in the list at the indicated line.

Severity

12

CKR0986 **Duplicate parameter *value* [before *token* "*value*"] at *ddname* line *number***

Explanation

This message indicates that the input parser detected a duplicate occurrence of the parameter or list element *value* at the indicated line.

Severity

12

CKR0987 **Syntax error: *type1* expected instead of *type2* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific token type *type1* in the current context. Instead of this, it found the token type *type2* (at the text *value*, if available) on the indicated input line.

Severity

12

CKR0988 **Syntax error: "*c*" expected instead of *type* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific character "*c*" (presumably a delimiter) in the current context. Instead of this, it found the token type *type* (at the text *value*, if available) on the indicated input line.

Severity

12

CKR0989 **Unexpected *type* ["*value*"] [for *element*] at *ddname* line *number***

CKR0989 **Skipping to EOL at unexpected *type* ["*value*"] at *ddname* line *number***

Explanation

This message indicates that the input parser expected one of a number of specific token types, but found a different token type instead. If available, the offending text value and the element for which it is read are also listed in the message. The parser will either continue with the next token, or skip directly to the end of the line.

Severity

12

CKR0990 **Expecting = or (instead of *type* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected an "=" or "(" but found a different token type instead. If available, the offending text *value* is also included in this message.

Severity

12

CKR0991 **Unexpected [*type*|nil] pointer in *procedure* - user abend 991**

Explanation

This message documents an unexpected condition in the program. The program terminates with a user abend 991.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR0992 **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

CKR993I **DIAGNOSTIC DUMP SUPPRESSED FOR *program* TASK *taskname type* ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump. This is done to prevent recursive abend conditions involving the print file. The task name is PROGRAM for the main task or for the only task in a program. For a multi-tasking program, *program* might identify one of the subtasks.

CKR0994 **Last record truncated by end-of-file *ddname***

Explanation

This message indicates that end-of-file was reached for a RECFM=VBS input file in the middle of a multi-segment record.

Severity

16

CKR995I **LRECL invalid; not overruled because partitioned data set**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned Data Sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abends may be caused by the invalid record length.

CKR996I **MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR999I **Storage shortage for task *taskname* heap *heapname* in *program* - increase *keyword***

Explanation

This message indicates that the program needs more storage. It will be followed by a user abend 16. If the heap name is LOWHEAP or SYSSTACK, then the request is for storage below the 16MB line. If the name is MAINHEAP, then the request is for storage anywhere. If the name is SMFCACHE, then the zSecure Audit job tag system used too much memory; see the SMFCACHE command. For MAINHEAP and SMFCACHE it could be beneficial to use the `ALLOC STORAGEGC` command, though this will increase CPU usage. The value of *keyword* (REGION or MEMLIMIT) indicates the parameter that is most likely to help when increased.

Severity

16

CKR messages from 1000 to 1099

CKR1000 **ALLOC PRIMARY/BACKUP and ACTIVE/INACTIVE are mutually exclusive pairs - before *token* at *ddname* line *number***

Explanation

This message indicates an invalid ALLOC command. The option PRIMARY is mutually exclusive with BACKUP on one command. The option ACTIVE is mutually exclusive with INACTIVE on one command.

Severity

12

CKR1001 **MASKTYPE=ACF2 invalid with TYPE=RACF - *token* at *ddname* line *number***

Explanation

This message indicates that an explicit masktype specification on a newlist was issued. However, ACF2 masks cannot be used for NEWLIST TYPE=RACF.

Severity

12

CKR1002 **Processing started for [*complex*] [*program pathing*] *databasetype ddname volume dsn***

Explanation

The data set open was successful for the file indicated of the database type indicated, and input of the database was started.

Severity

00

CKR1003 **Syntax error in NLS table *var* at "*where*" in ":" *statement***

Explanation

A PANEL statement contains invalid syntax. The *statement* may occupy up to five lines.

Severity

12

CKR1004 **CKRACTS: VDEFINE return code *n* for *var* len *len***

Explanation

The ISPF VDEFINE service for a PANEL statement failed with the specified return code.

Severity

12

CKR1005 **Field *field* not available on current display level for *panel***

Explanation

This message indicates that a PANEL statement for a line command defined in the NLS table requested a field, but the field was not present on the display statement in the newlist.

Severity

12

CKR1006 ACFCDSP *abend* (*explanation*)

Explanation

This indicates an abend was intercepted while trying to format an ACF2 database record for display by the L line command.

Severity

16

CKR1007 USER "*id*" doubly defined

Explanation

This message indicates that 2 logon ID records were found for one logon ID. This indicates a problem with the database allocation. Check the ALLOC TYPE=ACF2LID statements and verify that the proper data sets are allocated to the ddnames.

Severity

20

CKR1008 RULE "*key*" doubly defined

Explanation

This message indicates that 2 rule records were found for one data set access rule. This indicates a problem with the database allocation. Check the ALLOC TYPE=ACF2RULE statements and verify that the proper data sets are allocated to the ddnames.

Severity

20

CKR1009 Reading the live ACF2 *type* database not supported in this release, using backup database instead

Explanation

This message indicates that a command ALLOC TYPE=ACF2INFO PRIMARY or ALLOC TYPE=ACF2RULE PRIMARY will fail in this release. The backup database will be used instead.

Severity

00

CKR1010 CKFREEZE DSN info missing for system *sys* cluster *cluster*

Explanation

This message indicates that catalog processing was attempted but no default catalog was found for the indicated cluster in the system. This might be a follow-on error for message CKR0213 (missing master catalog), or it might be that you are erroneously using only SHARED=NO CKFREEZE files. If so, none of the files contain the user catalog that the alias in the master catalog for the indicated cluster points to. In this case, you would also see a CKR0292 message for the missing catalog snapshot. This message can also occur when analyzing CKFREEZE files from several data centers and DASD sharing is set incorrectly. For example, a catalog volume defaults to shared because UCB has been generated as shared. It can also occur when analyzing several point-in-time snapshots for the same system without using ALLOC VERSION=, which is required to compare points in time.

User response

Check that you are running with sufficient SHARED=YES CKFREEZE files to cover all disks that are being shared or just were generated in HCD as shared (even if they are not really shared). Specify ALLOC VERSION= when analyzing multiple point-in-times. Run newlist type=dasdvol to see what volume sharing is assumed. If incorrect sharing is assumed because the UCB was generated as SHARED in HCD while the volume is actually not shared, then add appropriate SIMULATE SHARED statements for those volume serials. With modern disks, usually the box serial number disambiguates the sharing but some S390 emulation products exist that do not properly simulate DASD box serial uniqueness; this can necessitate the use of the SIMULATE SHARED statement. Also, a CKFREEZE that is created with IO=NO will not even contain the DASD box serial numbers.

Note: It is possible to suppress this message but the results are not guaranteed.

Severity

20

CKR1011 **No catalog on *system* for *component* in *cluster***

Explanation

Catalog information was missing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1012 **Not enough storage for summary - Increase *keyword***

Explanation

While preparing the summary, a storage shortage condition was encountered. The value of *keyword* (REGION or MEMLIMIT) indicates the parameter that is most likely to help when increased.

User response

Either increase the *keyword* or simplify the query or summary.

Severity

16

CKR1013 **Duplicate SIM SMF request for system *sys* record *n***

Explanation

This message indicates that two SIMULATE commands were given for the same SMF system ID and record number.

Severity

12

CKR1014 **SIMULATE SMF requires a CKFREEZE file for system *smfid***

Explanation

This message indicates that a SIMULATE SMF command with a SYSTEM=*smfid* was specified, but no CKFREEZE for that SMFid was found. The SIMULATE command is ignored. Either allocate a CKFREEZE for the system, or change the SIMULATE command to be valid for all systems by removing the SYSTEM=*smfid* parameter.

Severity

00

CKR1015 **Zero TAG in C2ARULE**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1016 **Requested rule entry number is not positive**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1017 **C2ARULE: Unsupported record type *type***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1018 **C2ARULE: Unsupported record version *number* in record *record***

Explanation

An access rule record of unknown layout was found. This error message is followed by a hexadecimal dump of the offending record. See the IBM Support Community for possible maintenance associated

with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1019 **C2ARULE: requested rule entry # *number* but this rule has only *number* entries**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1020 **ACCVT not found for complex *complex* - default GSO settings assumed**

Explanation

During processing of a field it was discovered that the ACCVT for the specified complex was missing, while the ACCVT contains information that is needed to successfully complete the processing for this field. This can occur if you are using an UNLOAD for input without an associated CKFREEZE file. In this case, zSecure Audit for ACF2 assumes the default settings are in effect.

Severity

04

CKR1021 **Invalid UID string descriptor - ANY_UID_STRING treated as UID**

Explanation

You are using a CKFREEZE created by an old version of zSecure Collect. The information describing the layout of your UID string is incomplete, making it impossible to determine whether you are using multi-valued UID strings, and if so, which part of the UID string contains the multi-valued field. The program will assume you do not use multi-valued UID strings and continue processing.

Severity

04

CKR1022 **FDE not found for *fieldname* - ANY_UID_STRING treated as UID**

Explanation

During processing of the ANY_UID_STRING pseudo field, it was discovered that the Field Definition Entry for one of the fields that make up the UID string could not be found. As a consequence, it cannot be determined whether the ACF2 6.2 Multi-Valued UID-string feature is in use. Hence, the program stops trying to find this out and treats ANY_UID_STRING as a standard single-valued UID.

Severity

04

CKR1023 **Zero tag in C2AFLD**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1024 **TAG *tag* out of FDE bounds (0,*number*)**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1025 **Invalid record type *xx* in C2AFLD**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1026 **A LIKELIST cannot refer to a select with a BESTMATCH parameter - before *token* at *ddname* line *number***

Explanation

This message indicates that the newlist referred to in the LIKELIST parameter uses the BESTMATCH parameter in its selection which is not allowed.

Severity

12

CKR1027 **The BESTMATCH parameter cannot be used in combination with EXCLUDE - at *ddname* line *number***

Explanation

The BESTMATCH parameter can not be used for exclude processing.

Severity

12

CKR1028 **Only one SELECT allowed in combination with a BESTMATCH parameter**

Explanation

It is not allowed to use the BESTMATCH parameter in combination with multiple (implicitly ORed) select statements.

Severity

12

CKR1029 **LID database cannot be processed without FDE information from CKFREEZE or current ACF2 system**

Explanation

zSecure Audit for ACF2 needs the information from the Field Definition Entries to process the logonid database, but could not find the FDEs. This can be caused by processing a copy of an ACF2 logonid database (rather than an unload) on a system where ACF2 is not active, without allocating a CKFREEZE file containing the necessary information.

Severity

12

CKR1030 **Impossible TLHD type *number* in C2ALFD2**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1031 **Field "*fieldname*" has no valid definition for complex *complex* at *ddname* line *number***

Explanation

This message indicates that the Field Definition Entry for the field indicated in the message could not be found. The severity of this message is 12, unless the message is issued for a field on a LIST family command with an ALLOWUNDEFINED modifier. For more information about ALLOWUNDEFINED, see section "General output modifiers: Controlling field output" in *zSecure CARLa Command Reference*.

Severity

12 or 0

CKR1032 **SELECT and EXCLUDE statements are invalid before a NEWLIST statement**

Explanation

For zSecure Audit for ACF2, SELECT and EXCLUDE commands are only valid within the context of a NEWLIST.

Severity

12

CKR1033 **Array index error in C2ALFDE for tag *number*; LFDE dimensions are 0,*number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you

cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1034 **The BESTMATCH parameter cannot be used together with an OR function - at *ddname* line *number***

Explanation

It is not allowed to use the BESTMATCH parameter in combination with an (explicit) OR statement.

Severity

12

CKR1035 ***recordtype* record missing - *ddname volume dsn***

Explanation

This message indicates that during processing of an unload, it was discovered that a vitally important record is missing. Probably the unload failed.

Severity

16

CKR1036 **Field "*fldname*" is only supported for SUBSELECT clauses**

Explanation

The field you specified on a DEFINE, SELECT, LIST, SORTLIST, DISPLAY or (D)SUMMARY command was not found in the templates for any type of entity, and is as a built-in field only supported for SUBSELECT clauses. If you are running zSecure for RACF, you can verify the spelling and use of the requested fields with the help of the TEMPLATE command described in the RACF profiles documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR1037 **Explicit allocation mode: CKRCMD referred, but none allocated**

Explanation

Since one or more ALLOC statements were found, explicit allocation mode was in effect, which implies that no files were implicitly allocated that could be allocated explicitly (which includes CKRCMD), no CKRCMD files were explicitly allocated, and yet CKRCMD was referred as the target of a NEWLIST (F=CKRCMD). Add ALLOC statements for one or more CKRCMD files (one for each complex to be processed).

Severity

12

CKR1038 **Zero SLGN tag in contents node *value***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1039 **Date conversion error for *field* at *ddname* line *number* Date conversion error for *value***

Explanation

This message indicates that the date value encountered before the place indicated in the input is incorrect. This can be due to invalid month names, year formats, day numbers, invalid separators, etc.

Severity

12

CKR1040 **Unsupported input type for *field* at *ddname* line *number***

Explanation

This message indicates that the field encountered before the place indicated in the input is a type that cannot be used for SELECT/EXCLUDE processing.

Severity

12

CKR1041 **Invalid value for flag field *field* at *ddname* line *number***

Explanation

This message indicates that the site-defined flag field encountered before the place indicated in the input is not specified correctly. Site-defined flag fields can be used for SELECT/EXCLUDE processing only by specifying field=ON, field=YES, field=OFF or field=NO.

Severity

12

CKR1042 **Invalid decimal input *value* at *ddname* line *number***

Explanation

This message indicates that the value encountered before the place indicated in the input is not a valid decimal number. This can be due to excessively long input.

Severity

12

CKR1043 **Length *value* not supported for hexadecimal fields at *ddname* line *number***

Explanation

This message indicates that the value encountered before the place indicated in the input is of an unsupported length. Hexadecimal fields of up to and including 256 bytes in length are supported for SELECT/EXCLUDE processing, but longer fields are not.

Severity

12

CKR1044 **Invalid hexadecimal input *value* at *ddname* line *number***

Explanation

This message indicates that the value encountered before the place indicated in the input is not a valid hexadecimal number.

Severity

12

CKR1045 **Impossible input type *value* at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1046 **No data in complex-dependent node**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1047 **Complex dependency not support for new list type *value***

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1048 **Complex dependency not supported for format type *value***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1049 **Unknown pseudo field; TAG=*value***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR1050 **CKRPUTV: too many output elements on line**

Explanation

A single output record appeared to contain millions of output elements. No new output is written to this record and to some extent this condition is handled like an out of storage condition, but processing may continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR1051 **CKRPUTV: too many elements in repeat group *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

A single instance of the indicated repeat group appeared to contain millions of entries. No new output is written to this repeat group and to some extent this condition is handled like an out of storage condition, but processing may continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR1053 **Format *format* can only be used with the *acl-type* field - *name* at *ddname* line *number***

Explanation

The indicated format only works with the ACL field or with the ACF2_ACL field, or with a defined variable based on it.

Severity

12

CKR1054 **Default owner *owner* is undefined on complex *complex***

Explanation

This message is issued when the *owner* specified on the DEFAULT OWNER= command is not defined in the *complex* mentioned, and a RACF command containing this would have been generated. It is only shown once per complex.

Severity

12

CKR1055 ***event* notify *identity* facility class profile *profile***

Explanation

This message is issued with *event* equal to **Undefined** due to a VERIFY PERMIT command, and with *event* equal to **Remove** due to a REMOVE USER command. It means that the *identity* to be removed was present in the NOTIFY field of the mentioned OnePass mapping *profile*. To solve the error condition, an RDEL command will be generated to remove the profile.

Severity

04

CKR1056 **Modifier FIRSTONLY is mutually exclusive with MORE - field *name* at *ddname* line *number***

Explanation

Since the FIRSTONLY modifier implies that a repeat group is reduced to a single entry, a combination with the repeat group modifier MORE makes no sense.

Severity

12

CKR1057 **Modifier FIRSTONLY cannot be combined with SORT on a summary for field *name* at *ddname* line *number***

Explanation

Summary processing requires an early reduction of the repeat group to a single entry. This means that an early sort must be done. This is not supported in combination with certain field manipulations, such as lookups and restrict processing, under certain conditions. It is possible for a field to have an internal SORT modifier that has not actually been specified or implied in explicit CARLa. If you are using zSecure for RACF, see the NODUP system-wide option documentation in the *zSecure CARLa Command Reference* for more information.

Severity

12

CKR1058 **No storage left for buffer for *fieldaddr fieldname - function* disabled - defined at *ddname* line *number***

Explanation

The indicated field requires special processing for the indicated function. The function can be one of the following:

- WRAP (to honor a WRAP or WORDWRAP modifier)
- Format translation
- DBCS-aware truncation
- Soft newline processing (to honor a /n specification)

User response:
Increase the storage that is available to the program.

Severity

08

CKR1059 **Repeat group restriction for *fieldname1* is not supported - field *fieldname2* at *ddname* line *number***

Explanation

This message may occur in restricted mode for partially restricted fields. It indicates that the current version does not support partial restriction of *fieldname1*. As a result *fieldname2* will result in an empty column. (*Fieldname2* is the requested field, *fieldname1* the actual database field; they may differ if *fieldname2* is a defined variable.)

Severity

04

CKR1060 **VERIFY STC and COPY/MOVE/REMOVE are mutually exclusive**

Explanation

VERIFY STC and COPY/MOVE/REMOVE commands cannot both be specified.

Severity

12

CKR1061 ***option* only valid behind COPY GROUP TOGROUP**

Explanation

The option specified is only valid behind the COPY GROUP= TOGROUP= command. Possibly you only need to change the order of the parameters.

Severity

12

CKR1062 **Delete group *groupid* suppressed, still HLQ for DATASET profiles**

Explanation

This message indicates that the *groupid* indicated would have been deleted as the result of the commands given. However, there are still data set profiles with this ID as HLQ in the RACF database (probably due to the SUPPRESS DELDSD command). Since the DELGROUP would fail in this instance, it is suppressed.

Severity

04

CKR1063 **NEWDATA only valid behind COPY TOUSER/TOGROUP**

Explanation

This message indicates that the NEWDATA keyword was encountered in an unexpected position. It is only valid behind a COPY USER TOUSER or COPY GROUP TOGROUP construction. Possibly you only have to change the order in which the command keywords are given.

Severity

12

CKR1064 **CKRCFV: Duplicate UNIX device *dev* in system *system* complex *complex***

Explanation

A CKFREEZE record containing a mount point was encountered associating it to a device number that was already used for another file system on this *system*. The mount record is ignored, no new file system dump is started.

Severity

20

CKR1065 ***masktype* in mixed quotes before *type* "*value*" at *DDname* line *number***

Explanation

A mask appears to be specified with mismatching start and end quotes, for example, starting with a single quote (') and ending with a double quote ("). The *masktype* can be **Extended attribute mask** or **Access intent mask**.

Severity

12

CKR1066 ***masktype* cannot exceed line boundary - *type* "*value*" at *DDname* line *number***

Explanation

The indicated type of mask appears to cross a line boundary. The *masktype* can be **Extended attribute mask** or **Access intent mask**.

Severity

12

CKR1067 ***masktype*: double +/-; found *type* "*value*" at *DDname* line *number***

Explanation

The mask type being parsed uses '+' and '-' to specify a list of attributes that should be 'on' or 'off,', respectively; two such indicators were found with no attributes specified in between. The *masktype* can be **Extended attribute mask** or **Access intent mask**. To specify a fixed size list of attribute settings rather than a mask, do not use quotes. Instead use, for example, just --s-.

Severity

12

CKR1068 ***masktype*: =, + or - expected; found *type* "*value*" at *DDname* line *number***

Explanation

The mask type being parsed uses '+' and '-' to specify a list of attributes that should be 'on' or 'off', respectively, or '=' to specify an exact list of attributes; no such indicator was found. The *masktype* can be **Extended attribute mask** or **Access intent mask**. To specify a fixed size list of attribute settings rather than a mask, do not use quotes. Instead use, for example, just ap--.

Severity

12

CKR1069 **Unexpected character in *masktype*; found *type* "*value*" at *DDname* line *number***

Explanation

The character indicated is not recognized for the mask type being parsed. The *masktype* can be **Extended attribute mask** or **Access intent mask**. Valid attribute characters for the former are a, p, s and l; for the latter d, r, w and x. Furthermore, '+', '-' and '=' are valid indicators for 'on' and 'off', and the mask should be enclosed in quotes. Blanks are ignored.

Severity

12

CKR1070 **Internally inconsistent *masktype* before *type* "*value*" at *DDname* line *number***

Explanation

The mask just parsed is syntactically correct but semantically inconsistent, i.e., at least one attribute was requested to be on as well as off. The *masktype* can be **Extended attribute mask** or **Access intent mask**.

Severity

12

CKR1071 ***masktype* ends with + or - before *type* "*value*" at *DDname* line *number***

Explanation

The mask type being parsed uses '+' and '-' to specify a list of attributes that should be 'on' or 'off', respectively; the last such indicator had not been followed by any attributes when the closing quote was encountered. The *masktype* can be **Extended attribute mask** or **Access intent mask**.

Severity

12

CKR1072 **OMVS HOME contains invalid value for user *userid* in complex *complex version*: *home***

Explanation

The HOME field value in the OMVS segment of the indicated user ID does not allow the user to logon to z/OS Unix System Services, and this was apparent from its syntax: *home* does not start with a '/', and is not "." or "./".

Severity

04

CKR1073 **CKAOUNIX.CKASDIR: No memory to build SDIRs**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot build a proper subdirectory search structure. In TYPE=UNIX newlists the HOME_OF field will show up empty, AUDITCONCERN may be incomplete, AUDITPRIORITY may be too low, and DEPTH and ATTR may be in error. The output from TYPE=TRUSTED newlists may be incomplete as well.

Severity

08

CKR1074 **CKAOUNIX.CKATHOM: No memory to build associations, home directories are not determined**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot determine the home directories of the users. In TYPE=UNIX newlists the HOME_OF field will show up empty, AUDITCONCERN may be incomplete, AUDITPRIORITY may be too low, and DEPTH and ATTR may be in error. The output from TYPE=TRUSTED newlists may be incomplete as well.

Severity

08

CKR1075 **CKAOUNIX.CKAQMNT: No memory to build QMNTs**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot build a proper mount point qualifier search structure. In TYPE=UNIX newlists the HOME_OF field will show up empty, AUDITCONCERN may be incomplete, and AUDITPRIORITY may be too low. The output from TYPE=TRUSTED newlists may be incomplete as well.

Severity

08

CKR1076 **CKAOUNIX.CKAQMNT: Out of memory error in ADDINOD, home directories are not determined**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot determine the home directories of the users. In TYPE=UNIX newlists the HOME_OF field will show up empty, AUDITCONCERN may be incomplete, and AUDITPRIORITY may be too low. The output from TYPE=TRUSTED newlists may be incomplete as well.

Severity

08

CKR1077 **Command type file *ddname* does not support file options *fileoption* ...**

Explanation

The indicated command output DD-name, which can be CKR2PASS (for CARLa commands for a second pass) or CKRCMD (for TSO command output) does not support the indicated file option(s), which can include UTF-8 (Unicode), COMPRESS=GZIP, and MAXPAGE (limitation in pages).

Severity

12

CKR1078 **FOCUS must precede parameters requiring entitlement checks**

Explanation

This message indicates the LIMIT FOCUS command was issued after the focus had been decided. The focus is decided at the first parameter that needs to know which focus the program is running with. An example of such a parameter is NEWLIST TYPE=*type* for a newlist type that is only entitled for some product codes.

User response

Move the command more to the beginning of the input.

Severity

12

CKR1079 **CKAOUNIX.CKAINOX: No memory to build INOXes, UNIX file name lookups are not performed.**

Explanation

There is a memory shortage. As a result, UNIX processing cannot build a proper inode search structure. In TYPE=SMF newlists the RECORDDESC might be incomplete and UNIX_PATHNAME might be empty.

User response:
Increase the REGION size or limit the query to see if this resolves the problem.

Severity

08

CKR1080 **CKR1080 Cannot override format *internalformat* to *format* - field *fieldname source***

Explanation

An overriding format *format* was specified that is not compatible with the data type of the field or defined variable *field* that is overridden. The *internalformat* can be the input format of the (underlying) field or it can be the result of a DEFINE .. CONVERT (or similar) field value manipulation specification.

This message is issued when attempting to override a special-format field like ACL to an incompatible one. It is issued when specifying an incompatible date format override. For example, SMFTIMESTAMP when the data format is DATETIME or TOD.

To override an SMFTIMESTAMP to a DATETIME, do not specify SMFTIMESTAMP as the overriding format directly, but use a variable defined via DEFINE *variable* AS CONVERT(*field*,SMFTIMESTAMP,DATETIME).

Severity

12

CKR1081 **SCOPE= mutually exclusive with *not*PROFLIST chaining - newlist *name* at *DDname* line *number***

Explanation

A SCOPE=id parameter was specified on newlist *name* that also specified a PROFLIST= or NOTPROFLIST= parameter and was itself the target of a PROFLIST=*name* or NOTPROFLIST=*name* specification. This combination is not supported.

Severity

12

CKR1082 **DEFTYPE missing TYPE= parameter before *token* at *ddname* line *number***

Explanation

A DEFTYPE statement must contain a TYPE= specification.

Severity

12

CKR1083 **DEFTYPE ABBREV2=*abbrev2* is reserved *reserve reason* at *ddname* line *number***

Explanation

The *abbrev2* specified at the given location conflicts with another abbreviation. This can be the abbreviation of a predefined newlist, a value used for internal processing, or the ABBREV2 specified on another DEFTYPE. The first two conflict types can be avoided by always choosing a national character ($, #, or @) as part of the ABBREV2. If the latter occurs, you need to check and fix your DEFTYPE specifications for this query.

Severity

12

CKR1084 **No more than *nnn* DEFTYPE statements allowed before *token* at *ddname* line *number***

Explanation

This message indicates that you have exceeded the internal limit on the number of user-defined newlist types. Reduce the number of DEFTYPE statements.

User response:
If the current limit (256 such newlists) is a problem for your installation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR1085 **Duplicate DEFTYPE for type *name* at *ddname1* line *number1* and at *ddname2* line *number2***

Explanation

A user-defined newlist type can have only one definition per run.

Severity

12

CKR1086 **Undefined type *name* at *ddname* line *number***

Explanation

The newlist type name is unknown. Perhaps a DEFTYPE statement is missing.

Severity

12

CKR1087 **Undefined ALLOC TYPE=*name* at *ddname* line *number***

Explanation

The allocation type name is unknown. Perhaps a DEFTYPE statement is missing.

Severity

12

CKR1088 **Started processing type=*name pads* file *ddname volser dsn***

Explanation

This message indicates that processing for the indicated newlist type started reading the indicated data set. If the message contains the text PADS for *pads*, then this indicates that access to the data set was allowed by virtue of conditional access by this program.

Severity

00

CKR1089 ***number type* records read *number2 type* records selected (*p*%)**

Explanation

This message is written at the end of the input phase for type *type*. It indicates the number of records that were read and selected for output for the newlist type. The selection count does not consider lookups because they are output as part of another newlist type. All records are read in case of a lookup, but only the lookup target fields are stored.

Severity

00

CKR1090 **The CHECKSUM_ALG_CHANGE value of *number* exceeds 840, i.e., 5 weeks**

Explanation:
The maximum allowed value of the CHECKSUM_ALG_CHANGE option is 840 (hours), which corresponds with 5 weeks.

Severity

12

CKR1091 **Overriding length zero on field *field* only valid on last field in display line at *ddname* line *number***

Explanation

In a display, the overriding length zero can only be used on the last field on a line. This field will then use the remaining space on the line on the screen.

Severity

12

CKR1092 **CKR.READALL in class *class* not defined. Using defaults.**

Explanation

Normally a profile covering the CKR.READALL resource is used to decide whether the user is allowed to read the complete database or only has access to data that is in his/her scope. No such profile is defined, or the *class* is incorrectly specified. The restricted/unrestricted decision will now be based on the data in the CKRSITE area or on the type of access the user has on the database (PADS/non-PADS). For additional information, see the *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

00

CKR1093 ***databasetype* RACF DB cannot be allocated. Not present on system.**

Explanation

The database indicated is not present on the active system and thus could not be used. Check your system configuration and specify an existing database.

Severity

12

CKR1094 **CKROUNIT: *modifier* can only be specified on first field on a line. *field* at *DDname* line *number***

Explanation

The CONDPAGE and NOTEMPTY *modifiers* influence a complete output line. As such they are only accepted on the first field of that line.

Severity

12

CKR1095 **CKATUID: Storage shortage, field *fieldname* is not filled in.**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot build a proper RACF ID search structure. In TYPE=UNIX newlists the indicated field will be empty and UNIX_ACL will be incomplete. In type=SMF newlists the RECORDDESC may be incomplete. The output from TYPE=TRUSTED newlists may be incomplete as well. The *fieldname* may be **OWNER** or **GROUP**, meaning that UIDs cannot be translated to RACF user IDs, or GIDs cannot be translated to RACF groups, respectively.

Severity

08

CKR1096 ***errordesc* in mask-type audit flags string *string***

Explanation

A syntax error was detected in a mask-type specification string for a UNIX audit flags field. For details on the correct syntax, see the *UNIX fields* section of the *zSecure CARLa Command Reference*. The *errordesc* can be **Duplicate operator specification** if a second '+', '-' or '=' is encountered with no attributes in between; for example, r=s,=f. It can be **Duplicate setting for read**, **Duplicate setting for write** or **Duplicate setting for exec** if the *string* uses an = specification for read, write, or exec as well as a + or - specification for the same access type, or multiple =, multiple +, or multiple - specifications; it can be **Duplicate setting** for a duplicate specification for all access types. It can be **No operator specified** when an audit setting indicator is found that was not preceded by +, -. or =. It can be **Select on true AND false invalid** if the specification was syntactically correct but semantically inconsistent; that is, at least one flag was requested to be on as well as off.

Severity

12

CKR1097 ***errordesc* in mask-type file mode string *string***

Explanation

A syntax error was detected in a mask-type specification *string* for a UNIX file mode field. The *errordesc* can be **Typed and generic specification** if both 'u','g' and/or 'o' specific and nonspecific clauses occur in a single mask. It can be **Duplicate operator specification** if a second '+', '-' or '=' is encountered with no attributes in between; for example, g=r,=w. It can be **No target for operator specified** if a '+', '-' or '=' is encountered that is not preceded by (at least one of) 'u', 'g', 'o', or 'a' to indicate the owner, group, or other access group, or all access groups. It can be **Duplicate use of group u**, **Duplicate use of group g**, or **Duplicate use of group o** if the *string* uses an = specification for owner, group, or other as well as a + or - specification for the same access

group, or multiple = specifications; it can be **Duplicate use of** *operand* **for group** *group* for multiple + or - specifications. It can be **No operator specified** when a access type is found that was not preceded by +, -. or =. It can be **s is not valid for group o** if s (setuid/setgid) is specified or implied for group other. It can be **t is not valid for group u** or **t is not valid for group g** if the sticky bit is specified or implied for the owner or group access group, respectively. It can be **Select on true AND false invalid** if the specification was syntactically correct but semantically inconsistent; that is, at least one flag was requested to be on as well as off.

For additional information about the correct syntax, see the "UNIX fields" section of the *zSecure CARLa Command Reference*.

Severity

04 or 12

CKR1098 **Illegal *expected* in *specificationtype*-type *objecttype* string *string***

Explanation

A syntax error was detected in the indicated kind of specification. *Expected* can be **character** or **value**; *specificationtype* can be **mask**, **octal**, or **text**; *objecttype* can be **file mode**, **generic file mode** or **audit flags**. The *objecttype* **generic file mode** refers to the "nonspecific" specification type for an access type.

For details on the correct syntax, see the *Unix fields* section of the *zSecure CARLa Command Reference*.

Severity

12

CKR1099 ***Specificationtype*-type *objecttype* string should have length *required* before *type* "*value*" at *DDname* line *number***

Explanation

The indicated kind of specification has a fixed length different from the length encountered. *Specificationtype* can be **Octal** or **Text**; *objecttype* can be **file mode** or **audit flags**.

For additional information about the correct syntax, see the *Unix fields* section of the *zSecure CARLa Command Reference*.

Severity

12

CKR messages from 1100 to 1199

CKR1100 **OBTAIN RC=*nn* on *ddname volser dsname***

Explanation

This message indicates that a DSCB could not be obtained for *dsname* from the VTOC on disk volume serial *volser*. Restore the data set if necessary, or correct the data set name. If all is correct, try specifying the command BDAMQSAM in your preamble to work around this problem.

Severity

16

CKR1101 **Unexpected IOS rc *hh*x, CSW stat *stat* sns *sense* cmd *op* for *ddname volser dsname***

Explanation

This message indicates that EXCP failed with the indicated return code, status, and sense information. If the data set is not defective, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. Try specifying the command BDAMQSAM in your preamble to work around this problem.

Severity

20

CKR1102 **Unexpected end-of-file at CCHHR *cc hh r* rel blk *nnn* for *ddname volser dsname***

Explanation

This message indicates that an end-of-file marker was found on the track before the last block indicated by the Block Availability Map (BAM) was reached. This can also be a follow-on error to an I/O failure indicated by an earlier message. If the data set is not defective, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in "Contacting IBM Support" on page 776 to report the problem. Try specifying the command BDAMQSAM in your preamble to work around this problem.

Severity

20

CKR1103 **Unexpected block length *bb* at CCHHR *cchhr* rel blk *nnn* for *ddname volser dsname***

Explanation

This message indicates that a block length that differs from the block size indicated in the VTOC was encountered for the indicated relative block number. If the data set is not defective, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Try specifying the command BDAMQSAM in your preamble to work around this problem.

Severity

20

CKR1104 **Empty block in use according to BAM - *ddname* block *blkno* segment offset *offset***

Explanation

The block mentioned did not contain data, while the BAM indicated that it should. If the problem does not go away if the query is done again, run IRRUT200. If no problems are found by IRRUT200, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1105 **Unexpected len in RXNE *index* rel blk *block*.**

Explanation

This message indicates that the length found while processing a non-RDS index was too small. If the problem does not go away if the query is done again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem can probably be circumvented by specifying SUPPRESS INDEX.

Severity

16

CKR1106 **Expected data block not found *ddname* block *block***

Explanation

This message indicates that a *block* in the indicated RACF *data set* was actually an index block, while the index said it was a data block. If the problem does not go away if the query is done again, run IRRUT200. If no problems are found by IRRUT200, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem can probably be circumvented by specifying SUPPRESS INDEX.

Severity

20

CKR1107 **Index conflict on rel blk *block* on *ddname* for *key***

Explanation

This message indicates that a *block* in a RACF *data set* was referred to as both an index and a data block by the index. If the problem does not go away if the query is done again, run IRRUT200. If no problems are found by IRRUT200, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem can probably be circumvented by specifying SUPPRESS INDEX.

Severity

16

CKR1108 **Index conflict on rel blk *block* on *ddname* for *key***

Explanation

This message indicates that a *block* in a RACF *data set* was referred to as both an index and a data block by the index. If the problem does not go away if the query is done again, run IRRUT200. If no problems are found by IRRUT200, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem can probably be circumvented by specifying SUPPRESS INDEX.

Severity

16

CKR1109 **Entity type group assumed - segment *segment* of *key***

Explanation

This message indicates that a non-base segment was encountered for which the entity type user or group could not be determined. The message is only issued if DEBUG SEGMENT has been specified.

Severity

00

CKR1110 **Index points to free space *ddname* block *block* segment offset *segment***

Explanation

This message indicates that the index of the indicated RACF *data set* points to a data *block* that is not in use according to the Block Availability Map. If the query is done again and the problem does not go away, run IRRUT200. If no problems are found by IRRUT200, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem can probably be circumvented by specifying SUPPRESS INDEX.

Severity

08

CKR1111 **Unexpected access level hex *xx***

Explanation

During merge processing an invalid access level was encountered. This is probably caused by the corruption of a record in the database.

Severity

16

CKR1112 **Unexpected CONNECT authority hex *xx* for *userid/groupid***

Explanation

During merge processing an invalid CONNECT authority was encountered. This is probably caused by the corruption of a record in the database.

Severity

16

CKR1114 **Data set *name* has a HLQ of more than 8 characters long - skipped**

Explanation

During matching of access rules and data sets, a data set was encountered of which the name has a high level qualifier more than eight characters long. Since this data set cannot be protected by ACF2 rules, further processing is skipped for this data set.

Severity

20

CKR1115 **Corrupted/truncated JES device info for system *system* record *recno* of *dd volser dsn***

Explanation:
The JES Device Information Services (SSI 83) data area as stored in the indicated CKFREEZE file record was corrupted or truncated.

User response:
Increase the CKFREEZE file's record length. If the error persists, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1117 **CKRACTS: VDEFINE return code *n* for *var* len *len***

Explanation

The ISPF VDEFINE service for a PANEL statement failed with the specified return code.

Severity

12

CKR1118 **Missing UADS information for complex *complex* - APF CKFREEZE needed**

Explanation

While checking whether a logonid is able to logon to TSO, it was found that UADS information is needed to answer this question. However, the relevant information was not available (a CKFREEZE file made by an APF authorized zSecure Collect run is needed). The program will assume that the logonid cannot logon to TSO.

Severity

04

CKR1119 **Invalid field length *length* found; field offset is *offset***

Explanation

An invalid length was returned for the field at the specified offset in a logonid record. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1120 **Number of entries invalid length**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1121 **DSN mask not found**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1122 **Record length invalid length**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1123 **CDSR not found**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1125 **Invalid offset *offset* for field *tag* in record *key***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1126 ***key* is not marked as an InfoStorage record**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1127 ***key*** **is of an unsupported type**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1128 ***key*** **has an unknown layout - version number** ***number***

Explanation

The specified resource rule has an unsupported layout. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1129 **Invalid Sequence Number** ***number*** **for field** ***tag*** **in record** ***key***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1130 **Unknown RuleHeader line type requested for** ***key***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1131 **First entry in record** ***key*** **refers to a previous one for field** ***offset***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1132 **Record "*key*" doubly defined**

Explanation

The indicated resource rule was encountered before in the same security complex. This indicates a problem with the database allocation. Check the ALLOC TYPE=ACF2INFO statements and verify that the proper data sets are allocated to the ddnames.

Severity

20

CKR1133 **[*complex*] DB *db datasetname* read *pp*% to obtain *number* segments (of 256 byte) *Unusedspace*. Using *readmethod*.**
Used *number* special, *number* index, and *number* data blocks for *number* requests.
Statistics

Explanation

This message reports on the indexed read of a RACF data set. It indicates the number of segments to be read, and the percentage that actually was read physically to obtain this data. The percentage can grow above 100% if some parts had to be read more than once. Free space can be present at the end of the database (never used) or fragmented through the

database. If all space is fragmented, *Unusedspace* will contain the text **Free space completely fragmented**, otherwise it will show **Space beyond** *pp***% never used**. *readmethod* can be **BDAM**, **indexed ECKD EXCP**, or **indexed EXCP**. If either EXCP method was used, a fourth line is shown in the format **Read** *number* **blocks from a total of** *number* **in** *number* **IOs**. **Cache hit was** *pp***%**.

Severity

00

CKR1134 **SIMULATE specification at *DDname* line *number* conflicts with the command at *DDname* line *number***

Explanation

Multiple SIMULATE CNGRACF or SIMULATE CKGRACF commands per complex are not allowed. Neither are multiple SIMULATE CNGRACF or SIMULATE CKGRACF commands that do not explicitly specify a complex.

Severity

12

CKR1135 **Undefined *type* lookup *element value* at *ddname* line *number***

Explanation

This message indicates that an error has been made in specifying an indirect reference. The syntax for a deftype lookup is as follows: FIELD:TYPE.KEY.TARGET where TYPE is a type of newlist, created with a DEFTYPE command, and KEY and TARGET are previously defined fields in the same newlist type. For a more detailed explanation of indirect references, see *DEFINE command - Field value manipulation* in the *zSecure CARLa Command Reference*. *Element* is **type**, **key**, or **target** and indicates the syntax element that is in error; for **key** or **target** *type* reflects the TYPE.

Severity

12

CKR1135 **Undefined lookup *element value* before *token* at *ddname* line *number***

Explanation

This message indicates that an error has been made in a MAILTO= specification. The syntax is as follows: MAILTO=:TYPE.TARGET where TYPE is a type of newlist, created with a DEFTYPE command, and TARGET is a previously defined field in that newlist type. See OPTION command - MAILTO in the *zSecure CARLa Command Reference*. *Element* is **type** or **target** and indicates the syntax element that is in error.

Severity

12

CKR1136 **Field LID not found**

Explanation

zSecure Audit for ACF2 cannot store the logonid. This can be caused by processing a copy of an ACF2 logonid database on a system where ACF2 is not active and without allocating a CKFREEZE file containing the necessary information. For the processing of an unload, this is a fatal error.

Severity

20

CKR1137 ***number* [preselected] *type* records processed, selected *number2* (*p*%)[(*maintype* pre-selection | preselected classes *xx* (*yy*%)]**

Explanation

Newlist *type* records were read, and of those read, *number2* were actually selected. Optionally, this message might indicate that pre-selection was active and on which *maintype* newlist the pre-selection took place, or how many pre-selection objects were preselected as a number and as a percentage of the total. For the statistics regarding pre-selection, see messages CKR2153 and CKR2154.

Severity

00

CKR1139 ***program* used *cc.c* CPU seconds, *nn,nnn*KB, and took *ss* wall clock seconds**

Explanation

This message is issued after most processing has been done but before newlist output processing. It indicates the resource usage as well as the elapsed time for this run. Its main use is to measure resource usage in the ISPF interface, since the corresponding CKR0039 at the end of the SYSPRINT is not very usable for this purpose since it includes all user think time while looking at the ISPF displays, and all

resource consumption (like recursive queries or other ISPF commands) done from the ISPF display.

Severity

00

CKR1140 **Maximum number of *max* systems exceeded for system *system***

Explanation

This message indicates that you have exceeded the internal limit on the number of systems (I/O configurations). Reduce the number of ALLOCATE statements for CKFREEZEs. If the current limit (100 effective configurations) is a problem for your installation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR1141 **Maximum number of *max* complexes exceeded for complex *complex***

Explanation

This message indicates that you have exceeded the internal limit on the number of complexes (security databases). Reduce the number of ALLOCATE statements for such databases. If the current limit (100 such databases) is a problem for your installation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR1142 **Duplicate and conflicting entry for key=*key* in lookup *type.key.target* Value "*value1*" retained, value "*value2*" from record *number* ignored.**

Explanation

While reading the file(s) for type *type* a duplicate entry was found for field *key* which was used as the key field of the lookup. In this case, the duplicate entries, *value1* and *value2*, specify different values. Only *value1* will be stored for display of the lookup. Note that message CKR2363 is issued if duplicate entries are found and *value1* and *value2* are identical.

Severity

00

CKR1143 **Word number must be >= 1**

Explanation

The *number* in an expression WORD(*field,number,delimiter*) was not specified correctly.

Severity

12

CKR1144 **Illegal BUNDLEMAILTO function at *ddname* line *number***

Explanation

The specified BUNDLEMAILTO value is invalid. It has to be a series of field value manipulation functions with the BUNDLEBY base field. For additional information, see the documentation for the BUNDLE command in the *zSecure CARLa Command Reference*.

Severity

12

CKR1145 **BUNDLEMAILTO is only valid on the BUNDLE command at *ddname* line *number***

Explanation

The BUNDLEMAILTO keyword is not supported on the command it was specified on.

Severity

12

CKR1146 **PAS attribute requires KEY modifier before *token* at *ddname* line *number***

Explanation

The point-and-shoot modifier (PAS) is only supported on fields that have a KEY modifier as well (i.e., cannot be scrolled off the display).

Severity

12

CKR1147 ***ddname*** **falls under the CHECKSUM_ALG_CHANGE option**

Explanation

The *ddname* CKFREEZE file and a previous snapshot of the same system were produced within CHECKSUM_ALG_CHANGE hours. Therefore, *ddname* is considered to be a migration point in the Audit Libraries application (main menu option AU.L). Data sets that have their fingerprints and anti-tamper digests stored in both CKFREEZE files, and were computed with different algorithms, are considered unchanged.

Severity

00

CKR1148 **CKRCFV: Encountered another DMSFILES dump for system** ***system*** **complex** ***complex*** **- skipped** ***volume dsname***

Explanation

This message is issued when the program detects multiple DMSFILES dumps on a single system and cannot decide which one to use. There are no adverse effects to current program output.

Severity

004

CKR1149 **ALLOC command at** ***ddname*** **line** ***number condition*** **a previous one - ignored**

Explanation

The indicated ALLOC command for an ACTIVE or INACTIVE security database is either identical to a previous ALLOC command, or incompatible with a previous one, as indicated by the message. In the latter case, the indicated command specifies (or implies) to allocate the PRIMARY security database, whereas a previous command specified the BACKUP, or v.v. The command is ignored.

Severity

00

CKR1150 **Record "*key*" doubly defined**

Explanation

The indicated structured InfoStorage record was encountered before in the same security complex. This indicates a problem with the database allocation. Check the ALLOC TYPE=ACF2INFO statements and verify that the proper data sets are allocated to the ddnames.

Severity

20

CKR1151 ***field*** **<Asymmetric AREMFLG>** ***flag***

Explanation

An ACF2 SMF record of an unsupported layout was encountered. The SMF record is possibly corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1151 ***field*** **<*id*: unintelligible AREMFLG>** ***flag***

Explanation

An ACF2 SMF record of an unsupported layout was encountered. The SMF record is possibly corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1152 **Warning: Dynamic parse table for complex** ***name*** **unknown, using current system DPT**

Explanation

This message indicates that no dynamic parse table (DPTB) could be found for the indicated complex name. The current system's DPTB is used instead. The DPTB defines which custom fields can be used for this complex.

Severity

00

CKR1153 **ENDBUNDLE missing**

Explanation

This message indicates that a BUNDLE was started but not ended.

Severity

12

CKR1154 **Duplicate allocation of type *type* for complex *complex***

Explanation

In an ACF2 complex only one data set of each *type* (LID, rule and infostorage) can be allocated. Verify the allocation statements on your query.

Severity

12

CKR1155 **Expected Audit Function Code instead of *field***

Explanation

A number or an Audit Function Code indication (without quotes) should have been specified.

Severity

12

CKR1156 **Unload output file cannot have RECFM=U - [(redirected CKRUNLOU)] *ddname* [*path* | *volser dsname*]**

Explanation

An UNLOAD to a data set with RECFM=U is not supported. Output the UNLOAD data to a data set with another format and try again.

Severity

16

CKR1157 **LIKELIST cannot be specified in a subselect clause**

Explanation

Specifying a LIKELIST clause in a subselect clause is not allowed.

Severity

12

CKR1158 **Subselect of "*field*" in "*subselectclause*" not allowed in SELECT statement**

Explanation

In a subselect clause on the SELECT statement some fields are not allowed, because their value cannot be determined until after the database has been read. For example, the ACL fields USER and GROUP cannot be used, because the access list contains an ID that must be related to a matching profile to determine the type--use ID instead.

Severity

12

CKR1159 **Lookup not allowed in subselect clause in SELECT statement - before *type* "*value*" at *ddname* line *number***

Explanation

Lookups are forbidden in a subselect clause on a SELECT statement, because they can only be performed after the database has been read.

Severity

12

CKR1160 **Modifier SORT applies to repeated fields only - not useful for *field* at *ddname* line *number***

Explanation

SORT is a repeat group modifier, and *field* is not a repeated field. Therefore, it is ignored.

Severity

04

CKR1161 ***scope record*: NextKey nesting level depth exceeded**

Explanation

ACF2 scope records support a maximum of 10 NextKey nesting levels. The scope record identified in this message is a record exceeding this maximum. Further processing for this record is aborted.

Severity

04

CKR1162 **Impossible length value *value* for *fieldname fieldvalue***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1163 ***scope record*: improbable number of NextKeys**

Explanation

The identified scope record appears to have multiple NextKeys - a logical impossibility. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1164 ***datasetname* exceeds 2 GB in size. This could be a cause for RACF database corruption.**

Explanation

A RACF data set is limited in size to 2 GB. Larger data sets can cause database corruption. The indicated data set is larger than 2 GB. A severity of 8 indicates that the space above 2 GB is in use and you will most likely encounter RACF database corruption. A severity of 4 indicates that this space is not in use.

Severity

04 or 08

CKR1165 **Modifier UNIVERSAL invalid for field *field* at *ddname* line *number***

Explanation

This message indicates that the UNIVERSAL modifier was used on a field that does not support its use. Only the ACL and CONNECTS-like fields support this modifier.

Severity

12

CKR1166 **A *type* access level was not expected before type "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as an access level of type *type*, but this type is considered inapplicable in this context. The type can be UNIX, ACF2, scope, module or DEFINE. You only use UNIX and ACF2 access values for selection in newlist type=TRUSTED. You only use scope values for selection in the TRUSTED and REPORT_SCOPE newlist types. You only use module values for selection in newlist types REPORT_AC1 and REPORT_PADS. DEFINE access values are only used in newlist types ACCESS and RACF_ACCESS.

Severity

12

CKR1166 **The access value *value* was not expected before type "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as the access value *value*, but this value is considered inapplicable in this context. HIDDEN is only used for selection in newlist type=REPORT_STC. QUALOWN is only used in newlist types REPORT_SCOPE, ACCESS, and RACF_ACCESS. OWNER is only used in newlist types TRUSTED, REPORT_REDUNDANCY, REPORT_SENSITIVE, REPORT_NONDEFAULT, REPORT_OUFOFGROUP, and REPORT_PROFILE. The values ADD, A-READ, DELETE, D-READ. ADD-DEL, and AD-READ are only used in newlist types TRUSTED and REPORT_SCOPE.

Severity

12

CKR1166 **A CONNECT authority was not expected before type "*value*" at *ddname* line *number***

Explanation

This message indicates that the program has interpreted the previous token as a CONNECT authority, but this value is considered inapplicable in this context. CONNECT authorities are only used in NEWLIST TYPE=RACF_ACCESS.

Severity

12

CKR1167 **Unknown directory layout *number* - empty SSCP assumed**

Explanation

During analysis of the ACF2 resident scope structure, the program encountered a scope directory with an unknown layout identifier. To prevent abends, processing of the directory is skipped completely, which effectively implies that all SCPLISTs are considered empty. This makes the program unusable for scoped administrators. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1168 **Unknown directory layout for identifier - number**

Explanation

During creation of an unload, the program encountered a scope directory with an unknown layout identifier. The program tries to continue, but there is no guarantee that the generated output will be correct. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1169 **Illegal time value before *token* at *ddname* line *number***

Explanation

This message is issued when reading a DATETIME format value where the time is not recognizable.

Severity

12

CKR1170 **Invalid continuation of date value before *token* at *ddname* line *number***

Explanation

This message is issued when reading a DATETIME format value where characters remain behind the date part.

Severity

12

CKR1171 **Request storing for segment typing due to newlist field and ambiguous entity**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups will be stored to help disambiguating the entity type of segments in a RACF restructured database. This specific message is given if there is a LIST family statement that needs a field that depends on the proper entity type being determined.

Severity

00

CKR1172 **Request storing for segment typing due to newlist selection**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups will be stored to help disambiguating the entity type of segments in a RACF restructured database. This specific message is given if the SELECT statement itself needs the entity type disambiguated.

Severity

00

CKR1173 **Global select indicates no storing for segment typing is needed.**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups need NOT be stored to help disambiguating the entity type of segments in a RACF restructured database. It may override a message CKR1171, CKR1172. CKR1304, or CKR1305. This typically happens if the global SELECT and an inner (newlist) SELECT are in fact disjoint.

Severity

00

CKR1174 **RRSF command propagation is active on CURRENT system. Reducing maximum command size to 5000 bytes.**

Explanation

RRSF command propagation has a limit of 5000 bytes on the size of propagated commands. Because RRSF command propagation is active on the CURRENT system, the maximum command size is reduced from 16 kilobytes to 5000 bytes.

Severity

00

CKR1175 **Unexpected minidisk *user1 dev* in CP directory for *user2***

Explanation

This message means that in a VM CKFREEZE file the CP directory had an unexpected layout. If you feel that the product should support this situation, See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1176 **Unexpected minidisk *user1 dev* in CP directory**

Explanation

This message means that in a VM CKFREEZE file the CP directory had an unexpected layout. If you feel that the product should support this situation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1177 **VERIFY NONEMPTY/ONVOLUME not performed on complex *complex* due to missing CP directory**

Explanation

This message means that a VM CKFREEZE file was missing, or that it did not contain CP directory information. The functions that need it will not be performed.

Severity

08

CKR1178 **No VMMDISK profile protection for minidisk on volume *volume user.dev***

Explanation

This message is issued by VERIFY PROTECTALL if no profile matches the minidisk definition in the VM CP directory and no HCPRWA information is available. No command is generated to remedy the situation; you must determine the access requirements yourself. The default action taken by VM is defined by whatever is encoded on the SYSSEC macro in the HCPRWA module.

Severity

08

CKR1179 **Generic VMMDISK profile without matching minidisks *profile***

Explanation

This message is issued by VERIFY NONEMPTY or VERIFY ALLNOTEMPTY to indicate that the profile is obsolete according to any of those commands. An RDELETE RACF command will be generated to remove the profile.

Severity

04

CKR1180 **Discrete VMMDISK profile but no minidisk defined *profile***

Explanation

This message is issued by VERIFY ONVOLUME to indicate that the profile is obsolete because the minidisk does not exist anymore. An RDELETE RACF command will be generated to remove the profile.

Severity

04

CKR1181 **Unsupported FDE for *field*: FLAGS=SPECIAL**

Explanation

According to its Field Definition Entry, the indicated field has non-standard processing requirements. This is not supported for site-defined fields.

Severity

20

CKR1182 **Unsupported FDE for *field*: HEADER=NONE**

Explanation

Site-defined multi-valued bit fields are not supported.

Severity

20

CKR1183 **Unsupported FDE for *field*: (X)VL, but not DYNAMEL**

Explanation

The indicated multi-valued field is defined as having entries with a variable length, but does not possess a way to indicate the actual length for each entry. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1184 **Unsupported FDE for *field*: STATUS=PSEUDO**

Explanation

The only currently supported pseudo field is the UID string in a logonid record. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1185 **Unsupported FDE for *field*: length = 0**

Explanation

FDE-defined fields with a length of zero bytes in general cannot be used as a selection criterion. Their use on a SORTLIST statement or suchlike is equally futile.

Severity

20

CKR1186 **Unsupported FDE for *field*: remote default value**

Explanation

Fields of which the default value is not present in the FDE proper are not supported.

Severity

20

CKR1187 **Unsupported FDE for *field*: unsupported TYPE: *type - type(hex)***

Explanation

The indicated field does not have one of the eight ACF2-defined data types (binary, character, packed decimal, time, bit flag, TOD stamp, hexadecimal or encrypted). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1188 **Inconsistent FDE for *field*: TYPE=BIT, FLAGS=MULTI**

Explanation

A bit-flag type field, being only one bit in size, by definition cannot have multiple values. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1189 **Inconsistent FDE for *field*: FLAGS=MULTI, STATUS=PSEUDO**

Explanation

Multi-valued ACF2 pseudo fields are not supported. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1190 **Inconsistent FDE for *field*: DYNAMEL, but not (X)VL**

Explanation

The indicated multi-valued field has a length byte for each value, even though the values have a constant length. While this might be a legal field definition, it is currently unsupported. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1191 **Inconsistent FDE for *field*: TYPE=PACKED, LENGTH > 16**

Explanation

Packed decimal fields cannot exceed 16 bytes in length. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1192 ***field* does not HAVE multiple values**

Explanation

The indicated field is not defined as multi-valued. However, a request was encountered for a value other than the first one. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1193 **Inconsistent AMULTFLD for *field*: AMULTCUR < 0**

Explanation

The indicated multi-valued field has a negative number of values. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1194 **Inconsistent AMULTFLD for *field*: requested value # > AMULTCUR**

Explanation

The indicated multi-valued field does not have as many values as are requested. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error, use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1195 **Inconsistent AMULTFLD for *field*: AMULTCUR > FDEMVMAX**

Explanation

The indicated multi-valued field has more values defined than are allowed by its Field Definition Entry. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error, use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1196 **Inconsistent AMULTFLD for *field*: AMULTOFF past record end**

Explanation

The multi-valued field header of the indicated field is present in the ACF2 database record, but the actual values are not. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error, use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1197 ***field*: DYNAMEL running past record end**

Explanation

The requested field value is not physically present in the ACF2 database record, even though the multi-valued field header indicates it should be. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error, use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1198 ***field*: fixed MV past record end**

Explanation

The requested field value is not physically present in the ACF2 database record, even though the multi-valued field header indicates it should be. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. To identify the record causing the error, use DEBUG FIELD. For additional information about the DEBUG command, see the *zSecure CARLa Command Reference*.

Severity

20

CKR1199 **IMBED NODUP does not support the FILEDESC/PATH parameters**

Explanation

The NODUP parameter was used on the IMBED command in combination with the FILEDESC or PATH parameter. This is not supported.

Severity

12

CKR messages from 1200 to 1299

CKR1200 ***keyword* invalid without ERRORMAILTO or SMTPMAILFROM or FROM or REPLYTO**

Explanation

The *keywords* MAILTO (MT) and BUNDLEMAILTO (BMT) are used to generate an e-mail message. If they are used, a valid value for at least one of the keywords mentioned is essential to create a valid SMTP header.

Severity

12

CKR1201 **Fields with format *outfrmt* can only be modifiable once per record or detail display - *name* at *ddname* line *number* or - *name* in *parm* string**

Explanation

The field *name* occurs twice or more on the same display, and both occurrences are modifiable. This is not allowed unless the format is CHAR or ASIS. This may apply to the record level display, or this may apply to the detail display. Either display the field only once, or add the NOMODIFY modifier to all except one of them.

Severity

12

CKR1202 **Repeat group field *name* can only be displayed as modifiable once per detail display -*name* at *ddname* line *number* or - *name* in *parm* string**

Explanation

The field *name* occurs twice or more on the detail display, both occurrences are modifiable, and the field is defined as a repeat group. This is not supported. Either display the field only once on the repeat group line, or add the NOMODIFY modifier to all except one of the occurrences.

Severity

12

CKR1203 **BASIC or MAIN not specified on program profile *program* used in DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced-Warning program security mode. A program is defined on a conditional access list, and an accompanying specific profile is defined, but that profile is missing APPLDATA('MAIN') or APPLDATA('BASIC'). Because RACF runs in Enhanced-Warning mode, a commented RALTER PROGRAM APPLDATA('MAIN') command is generated. This command can be uncommented and run when you decide that the mentioned program needs to be on the conditional access list. For additional information, see "VERIFY PADS" in the *zSecure CARLa Command Reference*.

Severity

04

CKR1204 **No specific program profile found for program *program* used in DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced-Warning program security mode. A program is defined on a conditional access list and no corresponding specific program profile is found but a non-specific program profile is. Because RACF runs in Enhanced-Warning mode, commented commands for copying the non-specific profile to a specific one and adding APPLDATA('MAIN') are generated. These commands can be uncommented and run when you decide that the mentioned program needs to be on the conditional access list. For additional information, see "VERIFY PADS" in the *zSecure CARLa Command Reference*.

Severity

04

CKR1205 **No non-specific profile found for program profile *program* used in DATASET profile *volser datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced-Warning program security mode. A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1206 **No non-specific profile found for program profile *program* used in generic DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced-Warning program security mode. A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1207 **No non-specific profile found for program profile *program* used in DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced-Warning program security mode. A program is defined on a conditional access list, but no matching program profile exists. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1208 **BASIC or MAIN not specified on program profile *program* used in DATASET profile *volser datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and an accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1209 **BASIC or MAIN not specified on program profile *program* used in generic DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and a accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1210 **BASIC or MAIN not specified on program profile *program* used in DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and a accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1211 **No specific program profile found for program *program* used in DATASET profile *volser datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and a accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1212 **No specific program profile found for program *program* used in generic DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and a accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1213 **No specific program profile found for program *program* used in DATASET profile *datasetprofile* for ID *identity***

Explanation

This message is issued due to a VERIFY PADS command while RACF runs in Enhanced program security mode. A program is defined on a conditional access list and a accompanying specific program profile is defined, but that program profile does not have APPLDATA('MAIN') or APPLDATA('BASIC') defined. To solve the error condition, a command is generated to remove the WHEN-clause.

Severity

04

CKR1214 **PIPE is only valid on PATH/ FILEDESC - at *ddname* line *number***

Explanation

A PIPE specification is only useful on a PATH or FILEDESC allocation. Either remove PIPE or change to a PATH or FILEDESC allocation.

Severity

12

CKR1215 **GETPROC is only valid on TYPE=SMF, TYPE=ACCESS, or <deftype> - at *ddname* line *number***

Explanation

GETPROC is invalid for input types other than SMF, ACCESS, or those defined with the DEFTYPE command. Additionally, the GETPROC parameter is only intended for internal IBM Security zSecure use.

Severity

12

CKR1216 **WTO/SNMP/SYSLOG/CMD are mutually exclusive - at *ddname* line *number***

Explanation

You can only specify ONE special delivery type (that is, CMD, SNMP, SYSLOG, or WTO) on a newlist.

Severity

12

CKR1217 **PL/LL mutually exclusive with WTO/SNMP/SYSLOG/CMD/XML - at *ddname* line *number***

Explanation

SNMP, WTO, SYSLOG, CMD, and XML imply a specific line and pagelength. These values are not available for modification.

Severity

12

CKR1218 **WTO failed RC=*rc* (dec) *newlist* at *ddname* line *number***

Explanation

This message indicates that an error occurred while issuing a write-to-operator message (WTO) for the *newlist* mentioned. This message will be followed by the WTO in question.

Severity

0 4

CKR1219 **SNMP trap failed *msg newlist* at *ddname* line *number***

Explanation

The sending of an SNMP trap for *newlist* failed. The sending routine reported *msg*. Possible messages and their reasons are:

Table 3. CKR1219 messages	
Message	**Explanation**
missing specific type	The first line of the CARLa (sort)list for sending an SNMP trap did not start with an integer indicating the specific type of the trap.
unknown variable(s): *variable1, variable2, ...*	Some strings were not recognized as variables, possibly due to typos in the CARLa (sort)list.
total length of variables is too large, even after trimming each variable to 1023 characters	Even though the contents of each variable did not exceed 1023 characters, the total size of the variable strings and their contents exceeded the maximum of 32000 bytes.
SnmpEnc failed	It was not possible to encode the SNMP trap; there may be a semicolon in the community string or the enterprise string may be incorrectly formatted.
IBM-1047 to ISO8859-1 conversion failed: not enough memory	EBCDIC to ASCII conversion failed due to memory shortage.
Cannot open converter from IBM-1047 to ISO8859-1	EBCDIC to ASCII conversion was not supported. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.
socket error: rc *return code* (hex), reason *reason code* (hex); *error message string*	A socket could not be created; details can be found in the *UNIX System Services Messages and Codes* manual.
sendto error: rc *return code* (hex), reason *reason code* (hex); *error message string*	Data could not be sent on a socket; details can be found in the *UNIX System Services Messages and Codes* manual.
usage: <specific> -c <community> -g <generic> -e <enterprise>	The syntax of the line with the specific trap was incorrect; the line should start with an integer which specifies the specific-trap field; it is optionally followed by '-c community', '-g generic' (where generic is an integer which specifies the generic-trap field), and '-e enterprise' (where enterprise is a dot separated list of integers)
<specific> must be an integer	The specific-trap field is not an integer
<generic> must be an integer	The generic-trap field is not an integer
Call to C routine CKRTRAP failed	The routine CKRTRAP could not be called. This is probably the result of a missing or incorrectly established LE environment. Verify that ALLOC NOLE has not been specified for this run.

Severity

04

CKR1220 **GETHOSTNAME rc *rc* (dec), errno *errno* (hex)**

Explanation

The GETHOSTNAME call failed. This can result in invalid SMTP HELO statements and SNMP traps. This can be caused (amongst other reasons) by missing TCP/IP resolver data, or no capability to perform UNIX calls (for example, no UID provided).

Severity

08

CKR1221 **Could not resolve *protocol destination* [rc *rc*|earlier] - newlist *newlist* at *ddname* line *line***

Explanation

The *destination* as specified on the *protocol destination* keyword of the newlist that is specified (SNMPTO, SYSLOGTO, SYSLOGUDP, or SYSLOGTCP) could not be resolved to an IP address. No SNMP traps (for SNMP) or UNIX syslog messages (for SYSLOG) will be sent to this destination. This could be the result of an erroneous specification, incorrectly configured TCPIP, temporary unavailability of the Domain Name Server (DNS), or the SNMP destination temporarily not in (Dynamic) DNS.

earlier indicates that the newlist points to the same destination as an earlier one.

Severity

04

CKR1222 ***field*** **lookup not supported on select - at** ***ddname*** **line** ***number***

Explanation

The indicated field cannot be used as a security database lookup field in a SELECT clause. Lookups in a SELECT clause are restricted to: (ANY)SUPGROUP/ OWNER/DFLTGRP.

User response

Change the SELECT clause in the statement to specify only keywords from this group or refer to a newlist type other than the default (RACF).

Severity

12

CKR1223 **CLEANUP and NOCLEANUP are mutually exclusive before** ***token*** **at** ***ddname*** **line** ***number***

Explanation

The keywords CLEANUP and NOCLEANUP of the ALLOCATE command are mutually exclusive.

Severity

12

CKR1224 **Incomplete mailbox specification** ***token*** **at** ***ddname*** **line** ***line***

Explanation

An error was encountered in the mailbox specification before the *token* specified. For information about address specification, refer to the RFC 2822 syntax documented in the *zSecure CARLa Command Reference*. If an E-mail address list is in use, the ddname can be of the form R*xxxxxxx*, where *xxxxxxx* is a decimal number. In this case it refers to the record number within the E-mail address list you are using. To find the <deftype> used, you can refer to the last message CKR1088 shown before this message.

Severity

12

CKR1225 **E-mail** ***name*** **at** ***ddname*** **line** ***number*** **sent to** ***address*****, subject:** ***subject***

Explanation

This is an informational message indicating that an e-mail message has been generated as requested for newlist *name*, from the given input location. It was sent to *address*, with the subject shown.

Severity

00

CKR1226 **ALLOC TYPE=*esm* ACTIVE is invalid on a non-*esm* system - at** ***ddname*** **line** ***number***

Explanation

An allocation request for the active security database for External Security Manager *esm* was received. That ESM is not active on this system, so the allocation cannot be done.

Severity

12

CKR1227 **Sent SNMP trap to** ***nr*** **recipients, including** ***IPaddress*** **port** ***port*** ***newlist*** **at** ***ddname*** **line** ***number***

Explanation

This message is issued to inform you that an SNMP trap was sent for *newlist*.

Severity

00

CKR1228 **Field "SYSTEM" required in NEWLIST TYPE=*deftype* for *format* format - time zone omitted for**

fieldaddr fieldname* at *ddname* line *number

Explanation

The DATETIMEZONE, SMFTIMESTAMPZONE, JAVA_SIMPLEDATE, and XSD_DATETIME formats need a system to determine which time zone to use. For a DEFTYPE newlist you should DEFINE a field SYSTEM yielding the SMFid of the system to use. For additional information about the date and time formats, see the *LIST command - Format names* documentation in the *zSecure CARLa Command Reference*.

Severity

04

CKR1230 **Missing local part of mailbox address *token* at *ddname* line *line***

Explanation

No local part (username) was found in the mailbox specification before the *token* specified. For information about address specification, refer to the RFC 2822 syntax documented in the *zSecure CARLa Command Reference*. If an E-mail address list is in use, the ddname can be of the form R*xxxxxxx*, where *xxxxxxx* is a decimal number. In this case it refers to the record number within the E-mail address list you are using. To find the <deftype> used, you can refer to the last message CKR1088 shown before this message.

Severity

12

CKR1231 **Missing domain in mailbox address *token* at *ddname* line *line***

Explanation

No domain was found in the mailbox specification before the *token* specified. For information about address specification, refer to the RFC 2822 syntax documented in the *zSecure CARLa Command Reference*. If an E-mail address list is in use, the ddname can be of the form R*xxxxxxx*, where *xxxxxxx* is a decimal number. In this case it refers to the record number within the E-mail address list you are using. To find the <deftype> used, you can refer to the last message CKR1088 shown before this message.

Severity

12

CKR1232 **Suppressing NEWLIST NAME=*name* at *ddname* line *number*, using the one at *ddname2* line *number***

Explanation

This message indicates that a NEWLIST was suppressed because of the FIRST_PER_NAME option. The message identifies the NEWLIST with this name that is being used instead.

If this NEWLIST is part of a MERGELIST, the ENDMERGE will be followed by message CKR2338 if both of the following conditions are true:

- The NEWLIST that was suppressed is the first NEWLIST in the MERGELIST.
- The output command used is DISPLAY or SORTLIST.

Severity

00

CKR1233 **C2ARULE: record *key* corrupted: invalid trailer offset**

Explanation

The indicated access rule record has an unexpected layout. It is probably corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1234 **Record *key* has an invalid trailer offset**

Explanation

The indicated resource rule record has an unexpected layout. It is probably corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1235 **Start of data analysis interval *number* at *time***

Explanation

This message indicates that a new pass of processing has started after receiving a soft end-of-file condition.

Severity

00

CKR1236 **MAILFONTSIZE must be in range 1..7**

Explanation

MAILFONTSIZE should be a number in the range 1 to 7, corresponding to 8, 10, 12, 14, 18, 24, and 26 point size if the browser default font is set at 12 point (the user may change that).

Severity

12

CKR1237 **WTO/SNMP/SYSLOG/CMD are mutually exclusive with e-mail - at *ddname* line *number***

Explanation

You can only specify ONE special delivery type (that is, e-mail, CMD, SYSLOG, SNMP, or WTO) on a newlist.

Severity

12

CKR1238 **Allocation of C2REMAIL failed. Writer: "*writer*" Class: "*class*" NJENode: "*node*"**

Explanation

An error occurred during the allocation of the C2REMAIL DD. Check whether the values of the SMTPWRITER, SMTPCLASS and SMTPNJENODE parameters are valid.

Severity

16

CKR1239 **WTO issued *newlist* at *ddname* line *number***

Explanation

This message indicates that a WTO was successfully issued for the *newlist* mentioned. This message will be followed by the WTO in question.

Severity

00

CKR1240 **Newlist [name=*name*] type=*type* at *ddname* line *number* did not contain a resolved SNMP destination - *suppressed***

Explanation

The output for the specified newlist was supposed to be sent to an SNMP or SYSLOG destination. However, the specified destination cannot be reached. The newlist output has been suppressed. If the redirected output was sent to the default system file, you can find the newlist information in that file. The default for SNMP is C2RSNMP; the default for SYSLOG is C2RSYSLG.

To facilitate output testing, if SNMPTOFILE or SYSLOGTOFILE was also specified, the newlist will not be suppressed.

User response

In the program that generated the newlist output, update the SYSLOGTO=, SYSLOGUDP=, SYSLOGTCP=, or SNMPTO= parameter to specify a valid IP address that the system can access. If you have specified a valid address, check with your system administrator to find out why the destination cannot be reached.

Severity

08

CKR1241 **SNMP is not supported under VM**

Explanation

There is no support yet for issuing SNMP traps under VM. If this is a problem for your installation, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKR1242 **Hexadecimal string cannot be longer than 255 *source***

Explanation

The input contained a string that was supposed to be converted from text to hexadecimal, and that string was longer than 255 bytes. This is not supported.

Severity

12

CKR1243 **Phrase in mailbox address cannot be longer than 512 characters *token* at *ddname* line *number***

Explanation

No phrase used in an e-mail address specification can exceed 512 characters. The erroneous phrase was encountered before the *token* specified. For information about address specification, refer to the RFC 2822 syntax documented in the *zSecure CARLa Command Reference*. If an e-mail destination file is in use, the *ddname* can be of the form R*xxxxxxx*, where *xxxxxxx* is a decimal number. In this case it refers to the record number within the e-mail destination file you are using. To find the <deftype> used, you can refer to the last message CKR1088 shown before this message.

Severity

12

CKR1244 **OUTPUTFORMAT=*outputformat* is only valid in combination with MAILTO - at *ddname* line *number***

Explanation

The output format *outputformat* is only supported for e-mailed newlists. Change or remove the OUTPUTFORMAT specification, or supply the correct e-mail parameters.

Severity

12

CKR1245 **Implicit lookup from type *type* to (field *field*) is not supported at *ddname* line *number***

Explanation

Object type lookup to the security database is not supported from the indicated newlist type. The list of supported source types is REPORT_SCOPE, SMF, RACF, TRUSTED.

Severity

12

CKR1246 ***mailoption* is not valid on the individual NEWLIST level within a BUNDLE at *ddname* line *number***

Explanation

The NEWLISTs in the BUNDLE are treated as a whole. Specify the *mailoption* on the BUNDLE statement or an OPTION statement preceding the BUNDLE instead.

Severity

12

CKR1247 ***mailto* is not valid within a BUNDLE at *ddname* line *number***

Explanation

BUNDLE does not support MAILTO - use BUNDLEMAILTO instead.

Severity

12

CKR1248 **Deprecated syntax "(HOR[,*len*])" is equivalent to "HOR([*len*]),0)"**

Explanation

This message is issued when a first HORIZONTAL modifier is detected for a field or defined variable, and the specification uses old syntax, and is not accompanied by WRAP or an explicit length 0. See the *LIST command - Repeated field output modifiers* documentation in the *zSecure CARLa Command Reference*.

Severity

00

CKR1249 **Deprecated syntax "(HOR[,*len2*])" evaluates to "HOR(*len1*))" here - *variablename* defined at *ddname* line *num***

Explanation

This message is issued when a second HORIZONTAL modifier is detected for a defined variable. That is, there was already a HORIZONTAL modifier on the preceding DEFINE statement, and the specification uses old syntax, is either not accompanied by an explicit length 0 or a nonzero column length is implied,

and WRAP has not been specified (either on the DEFINE or as a local override). For more detailed information about the HORIZONTAL modifier, see the *LIST command - Repeated field output modifiers* in the *zSecure CARLa Command Reference*. Note that the equivalent expression depends on the DEFINE statement for the variable!

Severity

00

CKR1250 **PROGRAM data set name is obsolete *complex program - dsname Reason***

Explanation

This message is issued by the VERIFY PROGRAM function for a volume-unspecific PROGRAM member because there is no volume on any system in the complex where the indicated data set name resolves to an actually existing partitioned data set. The message is followed by one or more *Reason* lines with one of the following detail explanations:

- **Partitioned data set does not exist on any volume any system** *dsname*
- **Volume is not mounted on system** *syst volser*
- **VTOC is not readable on system** *syst volser*
- **Data set does not exist on system** *syst volser dsname*
- **Data set is not partitioned on system** *syst volser dsname*

If a CKRCMD file is allocated for the complex, an RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1251 **PROGRAM dsn may be obsolete but info is missing *complex program - dsname Reason***

Explanation

This message is issued by the VERIFY PROGRAM function for a volume-unspecific PROGRAM member because there does not appear to be any volume on any system in the complex where the indicated data set name resolves to an actually existing partitioned data set. The message is followed by one or more *Reason* lines with one of the following detail explanations:

- **Not all VTOCs in CKFREEZE to search for data set without volser** *dsname*
- **Mig. catlg not in CKFREEZE to check data set any system** *dsname*

See the VERIFY PROGRAM documentation in the *zSecure CARLa Command Reference* for more information about missing VTOCs and missing migration catalogs. If a CKRCMD file is allocated for the complex, a commented-out RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1252 **PROGRAM IPL volume entry dsn/ ****** obsolete *complex program - ****** *dsname Reason***

Explanation

This message is issued by the VERIFY PROGRAM function because there is no system in the complex where the indicated data set name resolves to a partitioned data set actually existing on the IPL volume. For each system a *Reason* line follows with one of the following detail explanations:

- **Data set not on IPL volume of system** *syst volser dsname*
- **Data set is not partitioned on IPL volume of** *syst volser dsname*

If a CKRCMD file is allocated for the complex, an RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1253 **PROGRAM IPL vol entry dsn/ ****** appears obsolete *complex program - ****** *dsname Reason***

Explanation

This message is issued by the VERIFY PROGRAM function because there appears to be no system in the complex where the indicated data set name resolves to a partitioned data set actually existing on the IPL volume, but one or more error conditions were detected. For each system a *Reason* line follows with one of the following detail explanations:

- **IPL volume appears unmounted on system** *syst volser*

- **VTOC appears unreadable for IPL volume of** *syst volser*
- **Data set not on IPL volume of system** *syst volser dsname*
- **Data set is not partitioned on IPL volume of** *syst volser dsname*

If a CKRCMD file is allocated for the complex, a commented-out RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1254 **PROGRAM dsn/****** unused but info missing *complex program - ****** dsname Reason***

Explanation

The message is issued by the VERIFY PROGRAM function because there appears to be no system in the complex where the indicated data set name resolves to a partitioned data set actually existing on the IPL volume, and no error conditions were detected. For each system, a *Reason* line follows with one of the following detail explanations:

- **IPL volume appears unmounted on system** *syst volser*
- **VTOC appears unreadable for IPL volume of** *syst volser*
- **VTOC not present in CKFREEZE for IPL volume** *syst volser*
- **Mig. catlg not in CKFREEZE to check data set** *syst volser dsname*
- **Data set not on IPL volume of system** *syst volser dsname*
- **Data set is not partitioned on IPL volume of** *syst volser dsname*

If you are using zSecure for RACF, see the VERIFY PGMEXIST documentation in the *zSecure CARLa Command Reference* for more information about missing VTOCs and missing migration catalogs. If a CKRCMD file is allocated for the complex, a commented-out RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1255 **PROGRAM dsn/vol obsolete, but missing information *complex program - volser dsname Reason***

Explanation

The message is issued by the VERIFY PROGRAM function because there appears to be no system in the complex where the indicated data set name resolves to an actually existing partitioned data set on the indicated volume. For each system, a *Reason* line follows with one of the following detail explanations:

- **Volume is not mounted on system** *syst volser*
- **VTOC is not readable on system** *syst volser*
- **VTOC is not present in CKFREEZE** *syst volser*
- **Mig. catlg not in CKFREEZE to check data set** *syst volser dsname*
- **Data set does not exist on volume of** *syst volser dsname*
- **Data set is not partitioned on volume of** *syst volser dsname*

If you are using zSecure for RACF, see the VERIFY PGMEXIST documentation in the *zSecure CARLa Command Reference* for more information about missing VTOCs and missing migration catalogs. If a CKRCMD file is allocated for the complex, a commented-out RALTER DELMEM command is generated to remove the obsolete member from the profile.

Severity

04

CKR1256 **Started Procedure Table truncated - *number1* entries declared, *number2* read - system *system* complex *complex***

Explanation

The image of the Started Procedure Table in the CKFREEZE for the indicated *system* is incomplete. As a result, less output will be produced by NEWLIST TYPE=SPT (for example, AU.S RACF control - STCTABLE).

Severity

08

CKR1257 **Started Procedure Table truncated - *number1* entries declared, *number2* read - system *system* [*version*] [*-generation*] complex *complex* [*version*]**

Explanation

The image of the Started Procedure Table in the CKFREEZE for the indicated *system* is incomplete. As a result, less output will be produced by NEWLIST TYPE=COMPLIANCE/ID/TRUSTED/R_STC, REPORT STC, and VERIFY STC; results may be incorrect.

Severity

08

CKR1258 **Effective record length 0 at CKFREEZE record *<yyyy>* of *<ddname> <vol> <dsn>***

Explanation

This message indicates that a CKFREEZE file contained an invalid record with effective length 0. This usually has one of two causes. Either the file is not a CKFREEZE file at all, or it has been transported or decompressed by a utility that does not have proper support for LRECL=X,RECFM=VBS files. In that case, information will be missing. We suggest you try to analyze the original file on the system where it was originally created and verify that the message does not occur there. In that case, a utility is the culprit. If this message occurs on a file created by a successful zSecure Collect run without any utility touching the file before it was analyzed, then see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The message is suppressible, but be aware that information is probably missing and might result in invalid reports or internal error messages.

Severity

16

CKR1259 **UNLOAD not valid for NEWLIST TYPE=*type***

Explanation

The UNLOAD statement is not supported for this NEWLIST type. For NEWLIST types defined with DEFTYPE, you can use LIST RECORD instead.

Severity

12

CKR1260 **Expected NO or decimal number instead of word *word***

Explanation:
The specified word is not recognized here. A decimal number or NO (without quotes) should have been specified.

Severity

12

CKR1261 **CKRPRTFL: Value length *long_length* in *recordaddr* truncated to 65535 for format *output_format* for *fieldaddr* *fieldname* at *ddname* line *number***

Explanation:
The indicated *output format* does not support input lengths above 65535. A value with the indicated *long length* for the indicated *field* in the indicated *record* was truncated to that length before calling the output format routine. The resulting output may differ from what was expected.

Severity

08

CKR1262 **The value "None" is mutually exclusive with other Reason values - before *token* at *ddname* line *num***

Explanation:
The value NONE for a SELECT of a RACF reason field was used in a list with other RACF reason values. This is not allowed. Use an explicit OR instead.

Severity

12

CKR1263 ***fieldaddr fieldname* made nonmodifiable - in concatenation on display level with format *outputformat* at *ddname* line *number***

Explanation

The indicated *field* has a format for which modify is not supported in a concatenation. The field occurs in a concatenation on a record or summary display level. To restore the ability to modify the field, take it out of the concatenation. To avoid the message, add an explicit NOMODIFY modifier to the field.

Severity

00

CKR1264 ***fieldaddr fieldname*** **made nonmodifiable - in concatenation on detail display with format** ***outputformat*** **at** ***ddname*** **line** ***number***

Explanation

The indicated *field* has a format for which modify is not supported in a concatenation. The field occurs in a concatenation on a detail display level. To restore the ability to modify the field, take it out of the concatenation. To avoid the message, add an explicit NOMODIFY modifier to the field.

Severity

00

CKR1265 ***fieldaddr fieldname*** **made nonmodifiable - in concatenation on detail display with WRAP at** ***ddname*** **line** ***number***

Explanation

The indicated *field* has a WRAP or WORDWRAP modifier, so that modify is not supported in a concatenation. The field occurs in a concatenation on a detail display level. To restore the ability to modify the field, take it out of the concatenation. To avoid the message, add an explicit NOMODIFY modifier to the field.

Severity

00

CKR1266 **Scattered field** ***fieldaddr2 fieldname2*** **- concatenation** ***fieldaddr1 fieldname1*** **made nonmodifiable on display level at** ***ddname*** **line** ***number***

Explanation

The indicated *field2* that is part of the concatenation started with the indicated *field1* occurs multiple times on the record or summary display level in a modifiable capacity. This is an unsupported combination. As a result the entire concatenation is made nonmodifiable. To restore the ability to modify this field within the concatenation, add a NOMODIFY modifier to the other instances on the same display level. To restore the ability to modify the rest of the concatenation, add a NOMODIFY modifier to *field2*.

Severity

00

CKR1267 **Scattered field** ***fieldaddr2 fieldname2*** **- concatenation** ***fieldaddr1 fieldname1*** **made nonmodifiable on detail display at** ***ddname*** **line** ***number***

Explanation

The indicated *field2* that is part of the concatenation started with the indicated *field1* occurs multiple times on the detail display level in a modifiable capacity. This is an unsupported combination. As a result the entire concatenation is made nonmodifiable. To restore the ability to modify this field within the concatenation, add a NOMODIFY modifier to the other instances on the same display level. To restore the ability to modify the rest of the concatenation, add a NOMODIFY modifier to *field2*.

Severity

00

CKR1268 **Modifiers DETAIL, NODETAIL and BOTH are mutually exclusive - field** ***fieldname*** **at** ***ddname*** **line** ***number***

Explanation

These modifiers each control the display level a field or literal in a DISPLAY statement should appear on, and cannot be combined.

Severity

12

CKR1269 **Modifier** ***modifier2*** **overrides modifier** ***modifier1*** **-** ***definedvariable*** **at** ***ddname*** **line** ***number***

Explanation

The indicated *modifier1* was specified on the indicated DEFINE statement. The *definedvariable* is used with *modifier2* here, which overrides this default. The two attributes are not combined.

Severity

00

CKR1270 **Lookup from detail field *fieldname1* to overview is not supported for *fieldname2* at *ddname* line *number***

Explanation

Base field *field1* requires special processing, which is only done when the detail level is generated. Since the base values will not be available when the overview level is generated, this lookup is not supported. To get the lookup on the overview without its base field, insert a new occurrence of *field1* before the one on the detail level into the DISPLAY statement with a NONDISPL modifier.

Severity

12

CKR1271 **CUA attribute *attribute2* overrides CUA attribute *attribute1* - *definedvariable* at *ddname* line *number***

Explanation

The indicated *attribute1* was specified on the indicated DEFINE statement. The *definedvariable* is used with *attribute2* here, which overrides this default. The two attributes are not combined.

Severity

00

CKR1272 **Unexpected CSRSI return code *xxxxxxxx***

Explanation

This message indicates that the CSRSI service returned an unexpected return code. As a result, no CPU model detail information can be shown for the live system.

Severity

00

CKR1273 **Field *name* flag value must be UPPER or ASIS - "*value*" at *ddname* line *number***

Explanation

This message indicates that for field name only the values UPPER and ASIS can be specified on the select statement.

Severity

12

CKR1274 **Field *field* value must be DISALLOWED or ALLOWED - "*value*" at *ddname* line *number***

Explanation

This message indicates that for *field* (CDTGEN (alias CLASS_GENERIC_ALLOWED) or CDTGENL (alias CLASS_GENLIST_ALLOWED)) only the values DISALLOWED (alias NO or OFF) and ALLOWED (alias YES or ON) can be specified on the select statement.

Severity

12

CKR1275 **MACCHECK value must be NORMAL, REVERSE, or EQUAL - "*value*" at *ddname* line *number***

Explanation

This message indicates that for field CDTMAC only the values NORMAL, REVERSE, or EQUAL can be specified on the select statement.

Severity

12

CKR1276 **Selection in restricted mode is not allowed with *type* clause at *ddname* line *number***

Explanation

When the program is running in restricted or PADS mode, selection with the indicated type of clause is not allowed. The program is running in restricted mode either because of a reason shown in a CKR0031 message or because SIMULATE RESTRICT was specified. This condition is considered a syntax error (severity 12). If an ALLOWRESTRICT modifier explicitly indicates that the query must be executed anyway, this message is issued as a warning (severity 4) to remind you that the indicated field is treated as missing. See also CKR0170.

Severity

04 or 12

CKR1277 **Implicit lookup to type *type1* not supported from type *type2* at *ddname* line *number***

Explanation

Object attribute lookup is not supported for this combination of newlist types.

Severity

12

CKR1278 **Explicit lookup to type *type1* not supported from type *type2* through field *field* at *ddname* line *number***

Explanation

Id lookup to the specified type *type1* is not supported from type *type2*. If you are using zSecure for RACF, the only target type allowed is RACF. If you are using zSecure for ACF2, this is actually a lookup to ACF2_LID information for an ACF2 security database.

Severity

12

CKR1279 **The BESTMATCH parameter can only be used in a newlist context at *ddname* line *number***

Explanation

The BESTMATCH parameter was used on a global select, i.e. before the first NEWLIST statement. This is not supported. Move the select statement to the correct NEWLIST TYPE=RACF.

Severity

12

CKR1280 **Duplicate user *userid* in connect list of group *groupid* complex *complex version***

Explanation

The USERID field of the indicated GROUP profile contains the indicated user ID more than once. This is an anomaly in the RACF database. RACF will only use the first connect entry, and zSecure will show only the entry RACF uses. However, during selection both connect entries are considered, which may result in unexpected output. No support is present to remove the condition.

Severity

04

CKR1281 **Defined variable *variable* (type=*type*) is not boolean/as/true, may not be used as lookup target at *ddname* line *number***

Explanation

This message indicates that a variable of an improper type was used as a lookup target for an (explicit) ID lookup. The only types allowed are BOOLEAN, AS, and TRUE.

Severity

12

CKR1282 **Defined variable *variable* (type=*type*) is not boolean/as/true, may not be used as lookup target at *ddname* line *number***

Explanation

This message indicates that a variable of an improper type was used as a lookup target for an (implicit) object property lookup. The only types allowed are BOOLEAN, AS, and TRUE.

Severity

12

CKR1283 **Expecting lookup field before *token* at *ddname* line *number***

Explanation

This message indicates that a lookup specification was expected but the field name encountered was blank or missing.

Severity

12

CKR1284 **Filter comparison only allowed with =, <>, and ^= before *name* at *ddname* line *number***

Explanation

A field can only be compared with a filter using a =, <>, or ^= operator.

Severity

12

CKR1285 **Column width *width* insufficient for DUMP(*n*), *width2* required - field *fieldname* at *ddname* line *number***

Explanation

DUMP(*n*) formatting requires room for dump offset, separators and at least one full word. For additional information about the DUMP format, see the *LIST command - Format names* documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR1286 **Scope-filtered repeat group field *field* cannot be used as lookup key at *ddname* line *number***

Explanation

This message indicates that a repeat group field that needs entry-level scope processing is not supported as a lookup key.

Severity

12

CKR1287 **RACLIST value must be ALLOWED, REQUIRED, or DISALLOWED - "*value*" at *ddname* line *number***

Explanation

This message indicates that for field CDTRACL only the values ALLOWED, REQUIRED, and DISALLOWED can be specified on the select statement.

Severity

12

CKR1288 **UACC value must be ALTER, CONTROL, UPDATE, READ, ACEE, or NONE - "*value*" at *ddname* line *number***

Explanation

This message indicates that for field CDTUACC only the values ALTER, CONTROL, UPDATE, READ, ACEE, and NONE can be specified on the select statement.

Severity

12

CKR1289 **No DDname number 00-99 left for *<dsn or path>***

Explanation

This message indicates that the maximum supported number of automatic allocations for a specific file type (DD name prefix) has been reached. Reduce the number of file sets in SE.1 or manually create additional ALLOC statements with your own DDnames for the additional files needed.

Severity

12

CKR1290 **No entry with address less than or equal to *address* found in the NUCMAP**

Explanation

The program searched for a module with address *address* in the nucleus map, but could not locate it. If you receive this message but are unsure about the reason, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1291 **Duplicate SECLABEL profile *seclabel* complex *complex version***

Explanation

The indicated *seclabel* is defined twice. This is an anomaly in the RACF database. Only the first profile will be used in the program, and no support is present to remove the condition.

Severity

20

CKR1292 **RACSTAT unexpected RC. CLASS='*class*' SAF RC=*safrc* RACF RC=*racfrc* RSNCODE=*rsn***

Explanation

While retrieving the dynamic class descriptor table from the system using RACROUTE REQUEST=STAT calls, the program received a return code indicating an error. zSecure Audit will stop processing the dynamic CDT. To determine the cause of the error, you can look up the return codes in the *Security Server RACF RACROUTE Macro Reference* .

Note that if the error occurs halfway through processing the CDT (*class* will be other than all blanks) zSecure Audit will continue using the partial CDT. If the error happens before any class setting is returned (which is more probable) zSecure Audit falls back to using the static CDT. This message is suppressible.

Severity

16

CKR1293 **CERTIFICATE_TRUSTED value must be NOTRUST/No, TRUST/Yes, or HIGHTRUST/Hi - "*value*" at *ddname* line *number***

Explanation:
The CERTIFICATE_TRUSTED field can have only one of the following values: [NOTRUST|No], [TRUST|TRUSTED|Yes], or [HIGHTRUST|HIGH|Hi].

User response:
Specify a valid value on the select statement.

Severity

12

CKR1294 **Allocation failure for *ddname dsname* [for alias *dsname*]**

Explanation

Dynamic allocation failed for the indicated data set. Diagnostic information regarding the precise cause of failure will be present in a preceding message from DAIRFAIL. Processing is aborted.

Severity

16

CKR1295 **CKAOUNIX.CKATSEC: No memory left to build TSEC ACLs**

Explanation

There appears to be a memory shortage--try increasing the REGION size or limiting the query. As a result, UNIX processing cannot determine access to the various SECLABELs. In TYPE=UNIX newlists the HOME_OF, AUDITCONCERN and AUDITPRIORITY fields may show incorrect or incomplete output. In TYPE=TRUSTED, some concerns may not be reported.

Severity

08

CKR1296 **Not a CKFREEZE file - *ddname volume dsn***

Explanation

This message indicates that an allocation was done for an TYPE=CKFREEZE file, but the content of the data set does not conform to a CKFREEZE layout, nor is it an unload.

Severity

16

CKR1297 **UNLOAD allocated as CKFREEZE file - *ddname volume dsn***

Explanation

This message indicates that an allocation was done for a TYPE=CKFREEZE file, but the content of the data set proves that it is actually a TYPE=UNLOAD data set. Probably some lines were interchanged in CARLa, in the JCL, or in the set of input files in SE.1.

Severity

16

CKR1298 **SORTLIST/DISPLAY invisible because of NONDISPL on summary key(s) at *ddname* line *number***

Explanation

This message indicates that one of the summary levels had only non-displayable summary keys, which is interpreted as a request to suppress output for this and all lower summary levels. Since the output for SORTLIST/DISPLAY hierarchically comes below the lowest summary level, this would also be suppressed. So the SORTLIST/DISPLAY request cannot be honored. Either delete the SORTLIST/DISPLAY statement, or remove the NONDISPL indicator from a summary key.

Severity

12

CKR1299 **Duplicate group *groupid* in connect list of user *userid***

Explanation

The CGGRPNM field of the indicated USER profile contains the indicated group ID more than once. This is an anomaly in the RACF database. RACF will only use the first connect entry, and zSecure will show only the entry RACF uses. However, during selection both connect entries are considered, which may result in unexpected output. No support is present to remove the condition.

Severity

04

CKR messages from 1300 to 1399

CKR1300 **Unexpected index entry id *hexid ddname* rel blk *blknum* offset *hexnum* table *hexnum* lvl *level***

Explanation

An unexpected kind of entry with an unsupported ID was found in the RACF database index. Adding a SUPPRESS INDEX command to your CARLa stream might circumvent this problem. From within the ISPF interface you can specify this under SETUP PREAMBLE.

If the RACF utility IRRUT200 does not warn of inconsistencies or errors, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

If it does report inconsistencies, reorganize your RACF database with IRRUT400.

Severity

16

CKR1301 **Invalid active segment table for *source sourcename***

Explanation

When processing a record containing an image of the in-storage RACF database templates, an unexpected condition was encountered. If *source* equals **system**, the record came from a CKFREEZE, otherwise it came from an UNLOAD. The program will obtain templates from another source, if necessary, but these will not necessarily be completely up to date.

Severity

04

CKR1302 **Complex *complex* uses *template type* templates of *source sourcename* template level *template level comparison***

Explanation

This message states which templates will be used to process the RACF database of the indicated complex. If *template type* equals **database**, *source* and *sourcename* will equal **complex** and *complex*, respectively. In this case, the message will not give any details on the template level; that information is available in the preceding CKR0004 for this complex. If *template type* equals **incore**, *source* can be either **system** (indicating the templates were taken from either the live settings or a CKFREEZE) or **complex** (generally indicating the templates were taken from an UNLOAD). In either case, *template level* will indicate RACF release level and the APAR level that last changed the templates, followed by their numerical equivalents if that information is available. The message will also indicate whether the incore templates are equal to the database templates. Since the incore templates will only be used if they're more recent than the ones in the database, the message will generally say **(different from DB)**.

Severity

00

CKR1303 **Too many id lookup fields, limit is around 8000**

Explanation

This message indicates that there are too many lookup fields to be stored for users or groups. For character fields, the limit is around 8000. Reduce the number of define statements used as a lookup target.

Severity

12

CKR1304 **Request storing for segment typing due to newlist exclude**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups will be stored to help disambiguating

the entity type of segments in a RACF restructured database. This specific message is given if the SELECT statement itself does not need to disambiguate an entity type, but does include both USER and GROUP, and a field used in the EXCLUDE statement does need it.

Severity

00

CKR1305 **Request storing for segment typing due to where clause**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups will be stored to help disambiguating the entity type of segments in a RACF restructured database. This specific message is given if a defined variable includes a WHERE clause that needs a disambiguated entity type.

Severity

00

CKR1306 **Global exclude needs storing for segment typing**

Explanation

This message is triggered by DEBUG SEGMENT if all users and groups will be stored to help disambiguate the entity type of segments in a RACF restructured database. This specific message is given if a global EXCLUDE statement includes fields that need the entity type to be disambiguated (for example, EXCLUDE CLASS=USER SEGMENT=OMVS).

Severity

00

CKR1307 **Not licensed to read *esm datasource ddname volser dsn(member)***

Explanation

If *datasource* is **unload**, this message indicates that you tried to process an UNLOAD created on a system running External Security Manager *esm*. You are not licensed to examine this type of UNLOAD. Verify that you run with the correct IFAPRDxx member or remove the offending UNLOAD from the query. If *datasource* is **remote database**, this message refers to a security database allocated through the zSecure Server network.

Severity

16

CKR1308 **DEFTYPE *parameter* does not contain a national character at *ddname* line *number***

Explanation:
The *parameter* of the DEFTYPE command at the given location, which can be TYPE, ABBREV2, or OBJCLASS, does not contain a national character ($, #, or @). While this is not normally a problem, conflicts might occur in the future when new TYPE, ABBREV2, or OBJCLASS values are predefined in IBM Security zSecure. This message can be suppressed by adding the NOWARN parameter to the DEFTYPE specification.

Severity

04

CKR1309 **DDNAME *ddname* has already been assigned to *dsn* - at *inputdd* line *number***

Explanation

You have issued multiple ALLOC commands for the *ddname* indicated and two (or more) of these specify the DSN/CMSFILE/PATH parameter. The first of these parameter values is shown as *dsn*, and the location of the second ALLOC command is line *number* in *inputdd*. Fix the ALLOC statements in your query, and run it again.

Severity

12

CKR1310 **CONNECT lookup not supported on DEFINE - at *ddname* line *number***

Explanation

This indicates that a :CONNECT lookup is not supported on the DEFINE statement. You can only use it on a SORTLIST or DISPLAY statement, like "SORTLIST KEY USERID USERID:CONNECT"

Severity

12

CKR1311 **Type *type* already used by builtin newlist at *ddname* line *number***

Explanation

The *TYPE=type* specification of the DEFTYPE command at the given location conflicts with a newlist type predefined in IBM Security zSecure. To avoid conflicts of this nature, you should always use a national character ($, #, or @) as part of your DEFTYPE TYPE= names.

Severity

12

CKR1312 **CKRSTPMB: Invalid member length *xx* : *program* - *member* complex *complex version***

Explanation

While storing the memberlist for PROGRAM profile *program* an entry *member* with length *xx* (in hexadecimal) was found. This length is too short to contain a valid entry. This memberlist entry is ignored.

Severity

20

CKR1313 **Lookup through field *fieldname* not supported at *ddname* line *number***

Explanation

Specification of a target newlist type lookup key is only supported for deftype lookups.

Severity

12

CKR1314 **Switching to sequential mode *switchreason* on *complex* DB *nn ddname volser dsn***
So far read *number* special, *number* index, and *number* data blocks of current queue length *number*
So far read *number* blocks from a total of *number* in *number* IOs

Explanation

This message indicates that the program expects continuation of indexed I/O to yield a longer response time than just processing this RACF data set sequentially. This decision is taken separately for each RACF data set in a RACF database.

If *switchreason* is **as requested by client**, this decision is the result of logically analyzing the query and is generated only if a CKRCARLA instance is running as a database server through the zSecure Server network. The local client instance would make this decision before starting I/O.

If *switchreason* is **due to high number of requests**, this is a dynamic decision based on the actual I/Os queued.

This behavior can be suppressed (for debugging and performance analysis purposes) by the command SUPPRESS INDEXCUTOFF (always indexed I/O if possible) or SUPPRESS INDEX (always sequential I/O). You can change the cutoff point for indexed I/O with LIMIT INDEXBIAS. For details, see the documentation for the SUPPRESS and LIMIT commands in the *zSecure CARLa Command Reference*.

Note: These commands only apply to the CKRCARLA instance that reads the CARLa; the local client and a remote database server instance have their own input commands.

Severity

00

CKR1315 **Option *option* incompatible with FILEFORMAT=XML - field *fieldname* at *ddname* line *number***

Explanation

The field output modifier indicated is not compatible with FILEFORMAT=XML. Instead of a modifier, this can also be STRING to indicate that a literal is not supported as it has no XML element associated with it.

Severity

12

CKR1316 **Option *option* incompatible with FILEFORMAT=XML - at *ddname* line *number***

Explanation

The NEWLIST option indicated is mutually exclusive with FILEFORMAT=XML.

Severity

12

CKR1317 **NEWLIST NAME is required with FILEFORMAT=XML at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have an element name defined by the NEWLIST NAME= parameter. Hence it is required

Severity

12

CKR1318 **Duplicate XML field element name *name* in newlist *newlist* at *ddname* line *number***

Explanation

This message indicates that a duplicate field name is specified or implied (by alias processing) within a LIST or SORTLIST statement. This is not possible with FILEFORMAT=XML, since repeated element names are used for repeated field values.

Severity

12

CKR1319 **NEWLIST NAME=*name* invalid XML name - at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have an element name defined by the NEWLIST NAME= parameter. Hence the name must conform to rules for XML names: it cannot start with "XML", with a digit, or with a hyphen, and it cannot contain national characters.

Severity

12

CKR1320 **XML field element name *name* at *ddname* line *number* same as record element set by NAME=*name* at *ddname* line *number***

Explanation

This message indicates that a field name is used that is the same as a newlist name printing to the same output file with FILEFORMAT=XML. XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter, record-level subelements with the element name defined by the NEWLIST NAME= parameter, and field-level subelements defined by (SORT)LIST field names. These cannot be the same in a well-formed XML document.

Severity

12

CKR1321 **The BESTMATCH parameter cannot be used in a WHERE clause - at *ddname* line *number***

Explanation

The BESTMATCH parameter was used on a WHERE clause in a DEFINE statement. This is not supported. The BESTMATCH parameter can only be used on a SELECT statement in a newlist.

Severity

12

CKR1322 **Unsupported segment *segname* in complex *complex***

Explanation:
A new segment name was found in the RACF database templates that the current version of zSecure does not support. This typically happens when the RACF utility IRRMIN00 is run while relevant zSecure maintenance has not yet been applied. This message can be suppressed. The severity of this message can be set with OPTION MSGRC=(1322,*rc*).

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08 (unless changed by the MSGRC parameter of the OPTION statement)

CKR1323 **EUdate separator can only be a /, - or blank *token* at *ddname* line *number***

Explanation

Only the separators slash(/), dash(-) and blank( ) are allowed on the EUdate format. Verify your specifications and resubmit the query.

Severity

12

CKR1324 **Option *option warningtext* possible UTF-8 values - field *fieldname* at *ddname* line *number***

Explanation

When producing a report in a non-default output encoding, the field output modifier indicated is not compatible with this field that might contain values in Unicode. This applies to INDENT, TITLE and TOPTITLE. This message is issued with a severity of 0 if FILEOPTION ENCODING=EBCDIC applies to the report to inform you that this query will no longer work when you change the encoding. If any other output encoding is active, it is issued as a syntax error with a severity of 12.

Severity

00 or 12

CKR1325 **Option *option* already set differently for output file, unexpected change by newlist *name* at *ddname* line *number***

Explanation

The indicated option is an output file property that cannot be set differently across NEWLISTs writing to the same file. This message is normally issued with severity 12 (syntax error), but for options that should be file properties in principle but might vary across NEWLISTs, it is issued with severity 4 (warning). These options are NOPAGE, PAGELENGTH, OVERPRINT, MAXPAGE, PAGETEXT, and CAPS.

In general it is recommended to set output file options with the FILEOPTION statement and refer to the ddname on the NEWLIST or MERGELIST statement with DD=, and omit those options on OPTION or NEWLIST statements.

The CKR1325 message is often caused by OPTION parameters setting the default for subsequent newlists and conflicting with what was implied by the FILEOPTION statement.

Severity

04 or 12

CKR1326 **FILEOPTION DD=*ddname* must be positioned before first reference to DDname at *ddname* line *number***

Explanation

Any reference to a DD-name with file options should follow the FILEOPTION statement.

Severity

12

CKR1327 **Option not valid behind FILEOPTION - *option* at *ddname* line *number***

Explanation

The FILEOPTION command can only reference output file options, no other options such as NEWLIST options. For a list of valid options and their exact meanings, see the FILEOPTION command documentation in the *zSecure CARLa Command Reference*.

Severity

12

CKR1328 **Mixed case password support disabled on current system**

Explanation

The source database in a merge operation has mixed case password enabled, but the current database has not. If passwords are copied from the source database to the current database, users with a mixed case password will not be able to login using this password.

Severity

00

CKR1329 **Duplicate MERGELIST NAME=*name* at *ddname* line *number***

Explanation

This message indicates that two mergelist specifications contain the same name. This is not allowed: a MERGELIST name must be unique.

Severity

12

CKR1330 **MERGELIST NAME= required at *source* for XML element containing newlist *name* at *ddname* line *number***

Explanation

For FILEFORMAT=XML combined with a MERGELIST the MERGELIST defines the "common" XML element name containing the individual newlists between

MERGELIST and ENDMERGE as children. To be able to output the XML element, you need to define its element name by specifying the NAME= parameter on the MERGELIST.

Severity

12

CKR1331 **Soft newline not supported for display - at *ddname* line *number***

Explanation

The soft newline operator /n can only be used on the (SORT)LIST and SUMMARY command, not on the DISPLAY or DSUMMARY commands. Either use the hard newline operator / or convert to a (SORT)LIST.

Severity

12

CKR1333 **Unsupported value *nn* for MAXWAIT: not in the range 1..59 at *ddname* line *number***

Explanation

OPTION SERIALIZATION(MAXWAIT) supports only values in the range of 1 through 59, inclusive.

Severity

12

CKR1334 **Program not authorized. Disabled APF serialization options UNIT, VOLSER, ENQ(SYSDSN), and MAXWAIT**

Explanation

OPTION SERIALIZATION has been specified with at least one of the following parameters: UNIT, VOLSER, ENQ(SYSDSN), or MAXWAIT. Having dynamic allocation wait until the unit or volser becomes available requires APF authorization. The same is true for requesting an ENQ on QNAME SYSDSN, and for specifying a maximum time to wait until the ENQ request can be specified. Since the program lacks this authorization, it will not wait for units or volsers, will not request ENQs on SYSDSN, and will ignore the specified value for MAXWAIT.

Severity

04

CKR1335 **SERIALIZATION options *option1* and *option2* are mutually exclusive at *ddname* line *number***

Explanation

You cannot both WAIT and FAIL if the ENQ request cannot be immediately satisfied. Neither can you request that the program issue an ENQ and not issue an ENQ (NOENQ) at the same time.

Severity

12

CKR1336 **Option only valid behind OPTION - *parm* at *ddname* line *lineno***

Explanation

This message indicates that a parameter was specified that is recognized by the program, but not valid on the command you specified. It is only valid behind OPTION.

Severity

12

CKR1337 **Message number *nnn* not supported for MSGRC at *ddname* line *lineno***

Explanation

This message indicates that OPTION MSGRC does not support arbitrary message numbers. For a list of supported messages, see the description of the MSGRC keyword for the OPTION command in *zSecure CARLa Command Reference*.

Severity

12

CKR1338 **Message number *nnn* severity *sss* exceeds maximum 99, MSGRC at *ddname* line *lineno***

Explanation

The maximum severity that can be assigned to a message by OPTION MSGRC is 99.

Severity

12

CKR1339 **NEWLIST FILEFORMAT=XML root element name must be specified as DD=, cannot be omitted - at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter. The DD= parameter must have been specified somehow (as an OPTION before the first NEWLIST or explicitly on the newlist, or on a MERGELIST).

Severity

12

CKR1340 **NEWLIST DD=*name* invalid XML name - at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter. Hence the name must conform to rules for XML names: it cannot start with "XML", with a digit, or with a hyphen, and it cannot contain national characters.

Severity

12

CKR1341 **XML element name set by NEWLIST NAME=*name* same as root set by DD=*name* at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter, and record-level subelements with the element name defined by the NEWLIST NAME= parameter. These cannot be the same in a well-formed XML document.

Severity

12

CKR1342 **XML field element name *name* at *ddname* line *number* in newlist *name* same as root set by DD=*name* at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter, record-level subelements with the element name defined by the NEWLIST NAME= parameter, and field-level subelements defined by (SORT)LIST field names. These cannot be the same in a well-formed XML document.

CKR1343 **Option *option* incompatible with ENCODING=UTF-8 - at *ddname* line *number***

Severity

12

The message indicates that UTF-8 output encoding cannot be combined with the indicated options.

CKR1344 **File/DD specification is required on FILEOPTION at *ddname* line *number***

Explanation

This message indicates that FILEOPTION requires specification of FILE=/F=/DDNAME=/DD= to indicate to which file it is supposed to apply.

Severity

12

CKR1345 **MERGELIST NAME=*name* invalid XML name - at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have an element name defined by the MERGELIST NAME= parameter. Hence the name must conform to rules for XML names: it cannot start with "XML", with a digit, or with a hyphen, and it cannot contain national characters.

Severity

12

CKR1346 **XML element name set by NEWLIST NAME=*name* at *ddname* line *number* same as element set by MERGELIST NAME=*name* at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have optional mergelist-level element defined by the MERGELIST NAME= parameter, and record-level subelements defined by the NEWLIST NAME= parameter. These cannot be the same in a well-formed XML document.

Severity

12

CKR1347 **XML element name set by MERGELIST NAME=*name* same as root set by DD=*ddname* at ddname line *number***

Explanation

XML output is done in the form of structured XML elements that have a root element name defined by the NEWLIST DD= parameter, and optional mergelist-level subelements with the element name defined by the MERGELIST NAME= parameter. These cannot be the same in a well-formed XML document.

Severity

12

CKR1348 **XML field element name *name* invalid XML name - at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have an element name defined by the (SORT)LIST field names. Hence the name must conform to rules for XML names: it cannot start with "XML", with a digit, or with a hyphen, and it cannot contain national characters.

Severity

12

CKR1349 **XML field element name *name* at *ddname* line *number* same as element set by MERGELIST NAME=*name* at *ddname* line *number***

Explanation

XML output is done in the form of structured XML elements that have an optional mergelist-level element name defined by the MERGELIST DD= parameter, field-level subelements with the element name defined by the (SORT)LIST field names. These cannot be the same in a well-formed XML document.

Severity

12

CKR1350 **FILEFORMAT=XML is incompatible with DISPLAY at *ddname* line *number***

Explanation

The NEWLIST indicated by ddname and linenumber has been directed to build an interactive display with its output, which is incompatible with FILEFORMAT=XML.

Severity

12

CKR1351 **Unexpected return code *nn* dec during LISTCAT of DSNPREF=*pref***

Explanation

This message indicates that an unexpected return code was received from the catalog SVC 26. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

12

CKR1352 **Unexpected *abend* during LISTCAT of DSNPREF=*pref***

Explanation

This message indicates that an abend occurred while performing the indicated catalog search processing.

Severity

12

CKR1353 **ALLOC DSNPREF=*prefix* adds DSN=*dsn***

Explanation

This message indicates that an ALLOC DSN= request was added based on a match with the DSNPREF parameter. Note that this message will not be issued

if an ALLOC DSN= request was already present, either explicitly requested or previously matched by a different DSNPREF.

Severity

00

CKR1354 **ALLOC DSNPREF is mutually exclusive with DD - at *ddname* line *number***

Explanation

It is not supported to specify a DDname for a generic request like DSNPREF; individual DDnames will be generated for each matching data set name.

Severity

12

CKR1355 **Skipping SMF file with RECFM=F or U *ddname dsn***

Explanation

An ALLOC TYPE=SMF was done resulting in a data set that does not have the proper record format for an SMF data set. Specifically, RECFM=F and RECFM=U data sets are not supported by the SMF reader. The severity of this message is only 8 to help easy exploitation of ALLOC TYPE=SMF DSNPREF= by automatically skipping unsuitable data sets.

Severity

08

CKR1356 **ALLOC DELETE only supported with TYPE=SMF/TYPE=ACCESS/ deftype DSN=/DSNPREF= - at *ddname* line *number***

Explanation

This message indicates the DELETE keyword is not allowed on the current ALLOCATE statement because it may only be used for allocations by data set names of TYPE=SMF, TYPE=ACCESS or DEFTYPE defined types.

Severity

12

CKR1357 **Delete requested for *ddname dsn***

Explanation

This message indicates that the final disposition of the indicated file allocated to the indicated data set will be changed to DELETE while the file is freed.

Severity

00

CKR1358 **DSNPREF cannot be longer than 43 - *delimiter* at *ddname* line *number***

Explanation

This message indicates that the maximum length of a data set prefix is 43 characters. Use DSN= with a 44 character name.

Severity

12

CKR1359 **Skipping record *number* of length *size* because SMF cannot be >32KB in *ddname volser dsn***

Explanation

SMF is being read from an LRECL=X data set and has now encountered a record length greater than fits into the Record Descriptor Word of any SMF record mapping. So this proves the record is not an SMF record, and the record will be skipped.

Severity

08

CKR1360 **Running in APF mode, READ access to *class* CKR.CKRCARLA.APF**

Explanation

This message indicates that CKRCARLA was called with APF authorization active (for example, by CKRCARLX or C2POLICE), and that the user was authorized by SAF to exploit this. The SAF class is installation defined in the CKRSITE module.

Severity

00

CKR1361 **CKR.CKRCARLA.APF in class *class* not defined. APF mode disallowed.**

Explanation

This message indicates that CKRCARLA was called with APF authorization active (for example, by CKRCARLX or C2POLICE), but that the user was not explicitly authorized by SAF to exploit his. This is not allowed. Either obtain a permit to the indicated SAF resource or directly invoke CKRCARLA (which has AC(0) and hence will run without APF authorization). The SAF class is installation defined in the CKRSITE module.

Severity

12

CKR1362 **APF mode disallowed, no READ access to *class* CKR.CKRCARLA.APF**

Explanation

This message indicates that CKRCARLA was called with APF authorization active (for example, by CKRCARLX or C2POLICE), but that the user was explicitly denied access by SAF to exploit his. Either obtain a permit to the indicated SAF resource or directly invoke CKRCARLA (which has AC(0) and hence will run without APF authorization). The SAF class is installation defined in the CKRSITE module.

Severity

12

CKR1363 **Need to specify DDNAME= or MEMBER= on XML_STYLESHEET=IMBED - at *ddname* line *number***

Explanation

This message indicates that an XML_STYLESHEET=IMBED() statement is coded, which does not specify a DDNAME= or MEMBER= statement. You need to specify at least one of these.

Severity

12

CKR1364 ***type* LXAT record corrupt on SYSTEM *system***

Explanation

An LXAT record from the CKFREEZE for the system indicated was found to be corrupted. Information found in the structured repeat group described with the LX field for newlist type=PC might be erroneous. If this message reoccurs after the CKFREEZE has been refreshed, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

08

CKR1365 **Option *option* incompatible with COMPRESS - at *ddname line***

Explanation

This message indicates an option or command not supported in combination with a compressed output file.

Severity

12

CKR1366 **Compressed output from *original* to *compressed* bytes (factor *factor*), file *ddname pathname***

Explanation

This suppressible message lists the original and compressed data size for each COMPRESS=GZIP output file, and the reduction factor achieved.

Severity

00

CKR1367 **ALLOWUNDEFINED requires overriding length - field *fieldname source***

Explanation:
ALLOWUNDEFINED allows use of a LID field that does not have a Field Definition Entry in the ACF2 database. However, this means that the output width to be used in the report must be specified explicitly. For more information about ALLOWUNDEFINED, see section "General output modifiers: Controlling field output" in *zSecure CARLa Command Reference*.

User response:
Specify an overriding output length on the field with the ALLOWUNDEFINED modifier or remove the modifier.

Severity

12

CKR1368 **Error loading SAFDEF record *num* system *system [version] of source: message***

Explanation

An unexpected record that contains SAFDEF-related data was found in the CKFREEZE. This message is usually a result of a corruption in the indicated record. The *message* field shows the encountered inconsistency. Depending on the severity of the problem, either individual or all SAFDEF records are unavailable for further analysis and reporting. This is indicated by the message severity, equal to 4 or 20, respectively.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

.

Severity

4 or 20

CKR1369 ***number* InfoStorage records read for *complex* [*version*]; resource rules totalled *number* entries**

Explanation

This message is only issued for an ACF2 infostorage database and indicates the number of records that were read, as well as the total number of rule lines that were present in the resource rule records present among the read infostorage records.

Severity

00

CKR1370 **Extended template block *n* for entity *e* not found in ICBTEMP for seq *s ddname volser dsname***

Explanation

This message indicates that a pointer to a template extension was found in a template block, but not the corresponding information in the template block array. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The message can be suppressed in the meantime.

Severity

20

CKR1371 **Generic string longer than 255 *source***

Explanation

A string was specified that contained generics and was longer than 255 characters. This is not supported. Change the query and resubmit it.

Severity

12

CKR1372 **Unload output LRECL=*nnnn* must at least be 23472, LRECL=X,RECFM=VBS preferred file [(redirected CKRUNLOU)] *ddname* [*path* | *volser dsname*]**

Explanation

This message indicated that an unloaded security database requires a minimum record length of 23472. Even then, records may get truncated. The recommended LRECL specification is:

```
LRECL=X,RECFM=VBS
```

Severity

16

CKR1374 **Cannot open stylesheet from file *ddname volser dsname***

Explanation

This message indicates that the XSLT stylesheet specified by the XML_STYLESHEET=IMBED() statement cannot be opened. Check if the file is correctly allocated, and the member exists.

Severity

08

CKR1375 **Cannot find open tag <xsl:stylesheet> in stylesheet from file *ddname volser dsname***

Explanation

The XSLT stylesheet specified by the XML_STYLESHEET=IMBED() statement does not appear to contain an <xsl:stylesheet> element. An XSLT stylesheet used for imbedding by zSecure must have the <xsl:stylesheet> open tag and </xsl:stylesheet> close tag as the only elements on separate lines to be recognized.

Severity

08

CKR1376 **Cannot find close tag </xsl:stylesheet> in stylesheet from file *ddname volser dsn***

Explanation

The XSLT stylesheet specified by the XML_STYLESHEET=IMBED() statement does not appear to contain an </xsl:stylesheet> element. An XSLT stylesheet used for imbedding by zSecure must have the <xsl:stylesheet> open tag and </xsl:stylesheet> close tag as the only elements on separate lines to be recognized.

Severity

08

CKR1377 **XML_STYLESHEET=IMBED is incompatible with XML_DTD at *ddname line number***

Explanation

An imbedded XSLT stylesheet cannot contain a DTD.

Severity

12

CKR1378 **A member name is required to read from PDS *ddname volser dsn* :severity: 8**

Explanation

The data set which has been specified on the XML_STYLESHEET=IMBED() statement is partitioned, but no member has been specified.

CKR1379 **CERTIFICATE_KEYUSAGE value incorrect - "*value*" at *ddname* line *number***

Explanation

The only values that are valid on the CERTIFICATE_KEYUSAGE field are: HANDSHAKE, DOCSIGN, DATAENCRYPT, CERTSIGN, digitalSignature, nonRepudiation, keyEncipherment, dataEncipherment, keyAgreement, keyCertSign, cRLSign, and encipherOnly. Verify your query and resubmit.

Severity

12

CKR1380 **ENCODING=UTF-8 for e-mail can only be used with OUTPUTFORMAT=ATTACH at *ddname* line *number***

Explanation

UTF-8 encoded reports can only be e-mailed as attachments. Supply OUTPUTFORMAT=ATTACH or remove ENCODING=UTF-8.

Severity

12

CKR1381 **The same DD ddname cannot be used both for e-mail and normal reporting - at *ddname* line *number***

Explanation

The indicated CARLa statement specifies or implies the same report DD-name as an earlier statement, but these specifications are incompatible because one specifies an e-mail destination while the other requests a normal report.

Severity

12

CKR1382 **Restricted mode does not allow SELECT keyword *keyword* at *ddname* line *number***

Explanation

When the program is running in restricted or PADS mode, selection through the indicated keyword is not allowed. The program is running in restricted mode either because of a reason shown in a CKR0031 message or because SIMULATE RESTRICT was specified. This condition is considered a syntax error (severity 12). If an ALLOWRESTRICT modifier explicitly indicates that the query must be executed

anyway, this message is issued as a warning (severity 4) to remind you that the indicated field is treated as missing. See also CKR0170.

Severity

04 or 12

CKR1383 **ALLOC TYPE=TSS_ATF file skipped because not licensed - *ddname volume dsn***

Explanation

An ALLOC TYPE=TSS_ATF statement for the indicated data set is ignored because IBM Security zSecure Audit for Top Secret is not installed or has been disabled in IFAPRDxx..

Severity

00

CKR1384 **COMPRESS=GZIP requested for *ddname* but file specification is incompatible - ignored**

Explanation

This message indicates that GZIP compression was specified for the ddname indicated, but the file in question was not allocated with an ALLOC command with a FILEDESC or PATH specification. The output will not be compressed.

Severity

04

CKR1385 **XML file may be unusable due to insufficient LRECL - *ddname volser dsn(member)***

Explanation

One or more lines in the specified XML output file have been truncated which can lead to missing or broken tags. This can render the resulting XML document unusable. Increase the LRECL specified for the file (files allocated for XML output by the program itself have a worst case scenario LRECL of 6600) and rerun the query.

Severity

08

CKR1386 **E-mail and LIST output are incompatible at *ddname* line *number***

Explanation

E-mailing LIST output is not supported. Use SORTLIST instead.

Severity

12

CKR1387 **File option CAPS cannot be used with XML or UTF-8 output at *ddname* line *number***

Explanation

File option CAPS cannot be used with FILEFORMAT=XML or ENCODING=UTF-8.

Severity

12

CKR1388 **File option NULLS cannot be used with XML output at *ddname* line *number***

Explanation

File option NULLS conflicts with the automatic filtering of control characters by the XML processing. You cannot use this file option with FILEFORMAT=XML.

Severity

12

CKR1389 **Non-PADS access required to read *type* data, skipping *file vol dsn(member)***

Explanation

A data set to which only conditional (PADS) access was granted was requested for *type* input. Unconditional read access is needed to read DEFTYPE data. The data set is not processed.

Severity

08

CKR1390 **Non-PADS access required for unrestricted SMF, skipping *file vol dsn(member)***

Explanation

When reading SMF files in unrestricted mode, only data sets to which unconditional READ access is granted are valid. For the data set mentioned only

conditional (PADS) READ was granted. The data set is skipped.

Severity

08

CKR1391 **Undefined division *division* or undefined field *field***

Explanation

The explicit request for field *field* from division *division* is not valid. This may be either because the field is not defined for the requested division, or because the division is not defined for any infostorage record type. You can use the FDE primary command to find out which combinations of residence type, division, and field name are valid.

Severity

12

CKR1392 **Field *field* not defined for residence type *residence type***

Explanation

No Field Definition Entry was found for the requested field in any Record Structure Block associated with the requested residence type. You can use the FDE primary command to find out which combinations of residence type, division, and field name are valid.

Severity

12

CKR1393 **Field *field* not defined for residence type *residence type* and division *division***

Explanation

The Record Structure block for the requested residence type and division does not contain a Field Definition Entry for the requested field. You can use the FDE primary command to find out which combinations of residence type, division, and field name are valid.

Severity

12

CKR1394 **Division *division* not defined for residence type *residence type***

Explanation

The requested combination of division and residence type is invalid. You can use the FDE primary command to find out which combinations of residence type, division, and field name are valid.

Severity

12

CKR1395 **Undefined residence type *residence type***

Explanation

The requested residence type does not exist. You can use the FDE primary command to find out which combinations of residence type, division, and field name are valid.

Severity

12

CKR1396 ***number* InfoStorage records skipped for *complex* [*version*]**

Explanation

This message is only issued for an ACF2 infostorage database and indicates the number of records for which processing was skipped. Processing is skipped for infostorage records of subtypes that aren't yet supported in the current release.

Severity

00

CKR1397 **Error loading RTYP record *num system system [version]* of *source: message***

Explanation:
An unexpected record containing RESOURCE-TYPE(SAFELIST/PROTLIST)-related data was found in the CKFREEZE. This message is usually a result of a corruption in the indicated record. The message field shows the encountered inconsistency. Depending on the severity of the problem,either individual or all RESOURCE-TYPE(SAFELIST/PROTLIST) records are unavailable for further analysis and reporting. This is indicated by the message severity,equal to 4 or 20, respectively.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
4 or 20

CKR1398 **FUNCTION=MERGE input present for complex *complex* but FUNCTION=MAIN input is missing**

Explanation

A RACF database or unload is allocated to complex *complex* as a MERGE input source, however there is no equivalent MAIN database or unload specified. Verify your allocations and rerun the query.

Severity

12

CKR1399 **Corrupted/truncated QUAA for system *system* record *number* of *ddname volser dsn***

Explanation

The QUAA record that was taken from the CKFREEZE file is truncated because the LRECL of the CKFREEZE is too small.

User response

Consider increasing the LRECL size.

Severity

08

CKR messages from 1400 to 1499

CKR1400 **Running on an unsupported version vv.rr.mm of z/OS, results are unpredictable - please upgrade**

Explanation

This message indicates that zSecure is being run on an operating system level that it is not supported on. The results are unpredictable. Upgrade zSecure to the proper version.

Severity

04

CKR1401 **Running on a no longer supported version vv.rr.mm of z/OS, some product features may fail**

Explanation

This version of zSecure is not supported on the operating system level that you are running it on. Some (newer) product features may fail. On the other hand, typically older reports will keep working, but there is no support if they do not.

Severity

04

CKR1402 **Running on an unsupported OS product *name*, results are unpredictable**

Explanation

The current operating system is not recognized by this version of zSecure, and not supported.

Severity

04

CKR1403 **Analyzing an unsupported version vv.rr.mm of z/OS, results are unpredictable - please upgrade**

Explanation

This message indicates that a system snapshot is being analyzed from an operating system level that it is not supported on this version of zSecure. The results are unpredictable. Upgrade zSecure to the proper version.

Severity

04

CKR1404 **Processing 100 SMF data sets, *nnn* ALLOC DSNPREF matches left for a subsequent run**

Explanation

This message indicates that an `ALLOC DSNPPREF` statement for TYPE=SMF yielded more than 100 data set name matches. Only the alphabetically first 100 will be processed.

If the DELETE operand is also on, a subsequent run will pick up the next 100 data sets. To ensure optimal processing, you should ensure that for each system, the alphabetical order of the SMF data set names matches the chronological order of the SMF records.

Severity

08

CKR1405 **Live SMF suppressed because more SMF data sets requested than can be processed**

Explanation

As long as not all TYPE=SMF data sets matching the DSNPREF specification can been processed together with all live SMF data sets, processing of live SMF is suppressed. This is done to ensure that SMF records can be processed in chronological order (if the data set names reflect the chronological order, and contain SMF records that are older than the live SMF).

Severity

08

CKR1406 **More than 4 SUBSYS parms not supported before *token* at *ddname* line *number***

Explanation

The SUBSYS keyword of the ALLOC CARLa command supports only 4 subparameters. If you need more, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR1407 **ALLOC SUBSYS not supported with PATH/FILEDESC/CMSFILE/GETPROC/SMFSTREAM/DSNPREF/INMEM/CDP - at *ddname* line *number***

Explanation

The SUBSYS specification cannot be used together with other input source designations than DSN=.

Severity

12

CKR1408 **IFAQUERY return area too small. Omitted *nnn* log stream records.**

Explanation

Even after passing the *required length* in a second call, there is still not sufficient space to store the SMF log stream data. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1409 **Unexpected return code from IFAQUERY. SMF log stream information is not collected. rc=*hhhhhhhhhhh* hex rsn=*hhhhhhhhhhh* hex**

Explanation

Failure to obtain SMF log stream data. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR1410 **ALLOC TYPE=SMFSTREAM not supported with PATH/FILEDESC/CMSFILE/GETPROC/DSNPREF/INMEM/CDP - at *ddname* line *number***

Explanation

The TYPE=SMFSTREAM specification cannot be used together with other input source designations than DSN=.

Severity

12

CKR1411 **Cannot determine active SMF log streams for system *system***

Explanation

When active SMF allocation is requested while SMF log streams are used and IBM Security zSecure runs in non-APF mode, a CKFREEZE file containing the SMF log stream settings must be connected. You have not connected a CKFREEZE file, or it is a CKFREEZE file made using an older zSecure Collect.

Severity

04

CKR1412 **Started processing TYPE=ACCESS *pads* file *ddname volser dsn***

Explanation

This message indicates that the processing of ACCESS input file *ddname* has started. In addition, it can indicate in *pads* by the text PADS that access to the data was allowed through a conditional access.

Severity

00

CKR1413 **Non-PADS access required to read ACCESS data, skipping *file vol dsn(member)***

Explanation

ACCESS data sets can only be read when unconditional READ access is granted. For the data set mentioned only conditional (PADS) READ was granted. Reading the data set is skipped.

Severity

08

CKR1414 ***nn* ACCESS records processed, *nn* ACCESS records selected for TYPE=ACCESS (*nn*%)**

Explanation

This message indicates the number of ACCESS records that were processed and the number and percentage that were selected.

Severity

0

CKR1415 **ALLOC TYPE=ACCESS file skipped because not licensed - *ddname volume dsn***

Explanation

An ALLOC TYPE=ACCESS statement for the indicated data set is ignored because both zSecure Admin and zSecure Audit for RACF are not installed or have been disabled in IFAPRDxx.

Severity

00

CKR1416 **Inconsistent CFDEF definitions for *profile***

Explanation

This message indicates that, during a database merge, a CFIELD profile is found present in both the source database and the current database. In that case, merge requires these profiles to have identical CFDEF segments. The indicated profiles do not have identical CFDEF segments.

Severity

08

CKR1417 **Expected Custom FIELD Type instead of *cccc***

Explanation

CARLa has encountered a DEFINE statement similar to the following: DEFINE yourname SUBSELECT(CSTYPE=*cccc*). The value *cccc* is expected to be one of these values: Num, Char, Hex, or Flag, but in fact it is not.

User response

Correct the CARLa code and specify the correct Custom Format Type value.

Severity

12

CKR1418 **The value of CFDEF fields CFFIRST and CFOTHER must be ALPHA, ALPHANUM, ANY, NONATBC, NONATNUM, or NUMERIC - *"value"* at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

User response

Select the appropriate value for the field.

Severity

12

CKR1419 **CSTYPE value must be CHAR, NUM, FLAG, or HEX - *"value"* at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

User response

Select the appropriate value for the field.

Severity

12

CKR1420 **system abend code *code(text)* in UNLOAD processing. Dynamic Parse Table not processed.**

Explanation

There has been an abend while writing the Dynamic Parse Table during UNLOAD processing. This will not affect other UNLOAD processing. However, the resultant UNLOAD file will not include a complete Dynamic Parse Table and hence may cause errors or omissions if used to examine Custom Fields.

User response

Review the JESLOG and SYSPRINT output from CKRCARLA to determine if this is associated with other errors or messages. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR1421 **Multi-line WTO output beyond line 10 was suppressed for newlist *name source***

Explanation

A multi-line WTO that exceeds 10 lines was created by the newlist. A maximum of 10 lines can be output so the excess lines were suppressed.

Severity

04

CKR1422 **All SMF processing suppressed.**

Explanation

SUPPRESS SMF command was used to explicitly suppress SMF processing.

Severity

00

CKR1423 **Value range only allowed with = before *type* "*value*" at *ddname* line *number***

Explanation

This messages indicates that a value range was found with an operator that does not support it. The only operator that can be used with a value range is the equality operator.

User response

Change the operator or do not use a range.

Severity

12

CKR1424 **No numeric symbolic *name* found and no default at *ddname* line *line*.**

Explanation

The parser expects a number or a symbolic name of type NUM, however, a non-numeric string was found. No SYMBOLIC NUM *name*=*value* statement was encountered in CARLa before this statement.

Symbolic names are case insensitive, but each name has a maximum length of 24. If your CARLa must cope with both presence and absence of a SYMBOLIC definition, you can specify a default value behind a vertical bar such as *name*|*value* instead of just *name*.

Severity

12

CKR1425 **Password phrase must be quoted.**

Explanation

The password phrase value is missing the required quotation marks.

User response

Update the password phrase value to include the quotes, for example, 'password phrase'.

Severity

12

CKR1426 **A NEWLIST TYPE=*ip_newlist_type* request was issued, but no TCP/IP stack configuration data are available. Might be caused by old or non-APF CKFREEZE**

Explanation

This message is generated by the NEWLIST TYPE=*ip_newlist_type*, which is one of the TCP/IP stack configuration reports. It indicates that a TCP/IP stack configuration report was requested, but the stack configuration data were not available. Check the CKFREEZE file used. The TCP/IP stack configuration report requires an APF-authorized zSecure Collect run with a focus including zSecure Audit. The version of zSecure Collect should be at least 1.11 in order to produce a CKFREEZE file with the requested information. The version employed to create the CKFREEZE file can be found in the SYSPRINT, in message CKR0132.

Severity

00

CKR1427 **NEWLIST TYPE=*ip_newlist_type* CKFREEZE data incomplete or corrupted**

Explanation

This message is generated by the NEWLIST TYPE=*ip_newlist_type*, which is one of the TCP/IP stack configuration reports. It indicates that a CKFREEZE file is incomplete or corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1428 **NEWLIST TYPE=*ip_newlist_type* requires CKFREEZE**

Explanation

This message is generated by the NEWLIST TYPE=*ip_newlist_type*, which is one of the TCP/IP stack configuration reports. It indicates that a TCP/IP stack configuration report was requested, but no CKFREEZE file was used. The report requires a CKFREEZE file. Check your JCL or your set of input files.

Severity

08

CKR1429 ***jobtag* CICS dictionary invalid <*system*> <*date time*> at *ddname* line *recno***

Explanation

This message indicates that the CICS dictionary record for the *system* system written at the indicated date and time is not valid. This CICS dictionary record does not match the CICS performance records written for the same jobtag.

Severity

12

CKR1430 **CICS SMF dictionary *system* truncated - dictionary ignored at *ddname* line *recno*.**

Explanation

The SMF record containing the CICS performance record dictionary was truncated. This might happen while copying to a data set with a specified LRECL that is too small.

Severity

00

CKR1431 **Field FAILLOAD value must be BADSIGONLY, ANYBAD, or NEVER - *"badvalue" source***

Explanation

This message indicates that a value for the FAILLOAD field was not recognized.

User response

Provide one of the values listed in the message, or remove reference to the field.

Severity

12

CKR1432 **Field SIGAUDIT value must be BADSIGONLY, ANYBAD, SUCCESS, ALL, or NONE - *"badvalue" source***

Explanation

This message indicates that a value for the SIGAUDIT field was not recognized.

User response

Provide one of the values listed in the message, or remove reference to the field.

Severity

12

CKR1433 **CKRSTORF.CKRSIDID: Duplicate IDID entry *userid label flags filter* complex *complex version***

Explanation

A duplicate distributed identity filter (RACMAP) was found mapping to the indicated *userid* with the indicated *label*. The duplicate is ignored. This message can be suppressed.

Severity

20

CKR1434 **FUNCTION=BASE on CKFREEZE file *ddname* system *system* [*version*] requires F=BASE on security database complex *complex***

Explanation

A system has been specified as a base to compare against, but the security complex for the system has not been specified. Both the system and the security complex are required for the comparison process.

This message can also be caused as a side effect of trying to give multiple complexes the same name, which generates a CKR1472 message.

User response

If message CKR1472 is present along with CKR1434, resolve the CKR1472 message first. Then, run the comparison process again to see if the error that generated the CKF1434 message has been resolved.

If CKR1434 is present by itself, add the FUNCTION=BASE option to the security database allocation statement.

Severity

12

CKR1435 **FUNCTION=BASE cannot be specified for more than one security database.**

Explanation

FUNCTION=BASE must identify the "standard" security database that compare functions must compare against. It is not allowed to request two security databases to serve as the base. You can identify one security database, for example, UNLOAD, and one system (CKFREEZE) in that same complex as a base.

User response

Remove FUNCTION=BASE until only one security database has this specification left.

Severity

12

CKR1436 **FUNCTION=BASE cannot be specified for more than one system.**

Explanation

FUNCTION=BASE must identify the "standard" system that compare functions must compare against. It is not allowed to request two systems to serve as the base. You can identify one security database, for example, UNLOAD, and one system (CKFREEZE) in that same complex as base.

User response

Remove FUNCTION=BASE until only one security system has this specification left.

Severity

12

CKR1437 **COMPAREOPT BASE/BY/COMPARE is not supported for field *name source*.**

Explanation

Comparison is not supported for this field.

User response

Use another field.

Severity

12

CKR1438 **FUNCTION=BASE only supported for TYPE=CKFREEZE/UNLOAD/RACF/ACF2*/CKRCMD - error detected before *token* at *ddname* line *number***

Explanation

This file type cannot be used as a base for comparison. The FUNCTION=BASE specification is allowed for security databases, CKFREEZE files, and command files.

User response

Do not specify FUNCTION=BASE for this TYPE.

Severity

12

CKR1439 **Language *lng* is not valid in the LANGUAGE statement at *source***

Explanation

While parsing a LANGUAGE statement, English (ENG, ENU) is not a valid override language. Parsing continues, but the run is cancelled.

User response

Choose a different language.

Severity

12

CKR1440 **LANGUAGE *ln2* at *source2* does not match the first LANGUAGE statement of *ln1***

Explanation

While parsing a LANGUAGE statement, a language *lng2* which is different from the first language found *lng1* has been located. Parsing continues but the run is cancelled. Each CKRCARLA run can only translate to one language (or not translate).

User response

Perform translation to different languages in two separate runs.

Severity

12

CKR1441 **Translation for "*original*" was "*translation1*" overridden by "*translation2*" at *source***

Explanation

While parsing a LANGUAGE statement, more than one translation was found for the same string or value. The last one prevails.

User response

Validate that the last translation is the one you want.

Severity

00

CKR1442 **Occurrence only valid in named NEWLIST sections, not in TYPE section at *source***

Explanation

Occurrence is only valid for FIELD clauses in a named NEWLIST section of a LANGUAGE statement, not in a FIELD clause in a TYPE section.

User response

Remove the occurrence designator or move the statement to a NEWLIST clause.

Severity

12

CKR1443 **LANGUAGE statements must precede the use of any NEWLIST or field name at *source***

Explanation

In the CARLa input, LANGUAGE statements can only be used before the first use of a field, newlist, or more generally, anything involving strings that might need to be translated.

User response

Move LANGUAGE statement to or imbed it earlier in the CARLa input stream, or move CARLa that performs output processing in the SETUP PREAMBLE to a member included under option CO.

Severity

12

CKR1444 **Complex *name* used for system *smfid* records in *ddname volser dsn***

Explanation

This message is issued once for each system ID *smfid* that the user is allowed to see in each ACCESS input file processed. The message is issued to help you understand unexpected failures. For example, when generating access monitor commands in AM.8.2 with incomplete sets of input or user-specified complex names, the message identifies which complex (RACF database) accesses in the file are to be attributed. In this message, the complex name is followed by the VERSION if VERSION is specified in the ALLOC command..

User response

If you have unexpected failures when running access monitor commands from menu option AM.8.2, review this message to find out the problem.

Severity

00

CKR1445 **Asymmetric key usage value must be (NO)SECUREEXPORT, (NO)HANDSHAKE, or a combination of them - "*value*" at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

User response

Select the appropriate value for the field.

Severity

12

CKR1446 **Symmetric key exportable value must be (BY)ANY, (BY)LIST, or (BY)NONE - "*value*" at *ddname* line *number***

Explanation

This message indicates that the value you specified for a field did not match the field type expected by the program.

User response

Select the appropriate value for the field.

Severity

12

CKR1447 ***nn* SMF subrecords read, *nn* selected (*nn*%)**

Explanation

This message indicates the number of SMF subrecords read and the number and percentage that were selected.

Severity

00

CKR1448 **Duplicate COMPAREOPT TYPE=*type* NAME=*name* retaining version *source***

Explanation

A COMPAREOPT definition can only occur once.

User response

Change name of either one, or delete one of the definitions.

Severity

12

CKR1449 **Duplicate COMPAREOPT field name *name source* also used *source***

Explanation

A COMPAREOPT field name list should list a field name at most once.

User response

Delete duplicate name.

Severity

12

CKR1450 **COMPAREOPT NAME=DEFAULT is reserved *source*.**

Explanation

The COMPAREOPT name DEFAULT is reserved for automatic generation. It may be generated automatically with ALLOC FUNCTION=BASE.

User response

Choose a different name.

Severity

12

CKR1451 **COMPAREOPT NAME=*name* type=*type* not defined *source***

Explanation

A COMPAREOPT referred to by PRINT / OPTION / NEWLIST must be defined in a COMPAREOPT statement before it is needed in a NEWLIST, DISPLAY or SORTLIST statement.

User response

Add the missing COMPAREOPT statement before you refer to the name with "COMPAREOPT=". Also the newlist "TYPE=" specification on NEWLIST and COMPAREOPT must match.

Severity

12

CKR1452 **Translation *translation1* overridden with *translation2* *source***

Explanation

While parsing a LANGUAGE statement, more than one translation was found for the same string or value. The latest translation prevails. *source* is the location of *translation2*.

User response

Validate that the latest translation is what you want.

Severity

00

CKR1452 **Translation *translation* specified again *source***

Explanation:
While parsing a LANGUAGE statement, a translation that was already specified before was specified again at *source*.

Severity

00

CKR1453 **FORMAT name *name* is not supported for language translation at *source***

Explanation

A FORMAT name has been detected unsupported for language translation. Parsing continues, but the run is cancelled.

User response

Remove the FORMAT clause or change the format name.

Severity

12

CKR1454 **PREFIXLEN must be 0 or in range 29...70**

Explanation

The print option PREFIXLEN must be 0 or greater than 28 and smaller than 71.

Severity

12

CKR1455 **Scan of entire segment is not allowed in restricted mode - at *ddname* line *number***

Explanation

When the program is running in restricted or PADS mode, scanning the entire profile segment is not allowed. The program is running in restricted mode either because of a reason shown in a CKR0031 message or because SIMULATE RESTRICT was specified. This condition is considered a syntax error (severity 12). If an ALLOWRESTRICT modifier explicitly indicates that the query must be executed anyway, this message is issued as a warning (severity 4) to remind you that the scan will not find anything. See also CKR0170.

Severity

04 or 12

CKR1456 **NEWLIST name suffix *suffix* is invalid, ".DISPLAY" is the only valid suffix at *source*.**

Explanation

If a NEWLIST name is suffixed, the only valid suffix is ".DISPLAY"; the run is cancelled.

User response

Correct or remove the name suffix.

Severity

12

CKR1457 **PREFIXLEN value *val* must be 0 or in range 29..70 *source*.**

Explanation

The prefix length specified on the LANGUAGE statement must be 0 or greater than 28 and smaller than 71.

User response

Either specify a value from 29 to 70 inclusive, or remove the PREFIXLEN specification from the LANGUAGE statement to let the prefix length default to the value of the print option PREFIXLEN.

Severity

12

CKR1458 **Selection on *field* is only supported for EXISTS and MISSING - at *ddname* line *number***

Explanation

This field is only supported in a select clause for the EXISTS and MISSING functions.

Severity

12

CKR1459 **Logon ID *logon_id* has no access to the group that started task *task_id* is assigned to in *complex* [*version*]**

Explanation

The GSO STC record assigns a logonid and optional group ID based on the started task ID if no matching STC logonid is found within the logonid database. Under CA ACF2 r12, before a started task is assigned the group ID defined in its associated GSO STC record, a validation call is made to verify that the assigned logonid defined in the STC record has access to the group ID. To grant a logonid access to the assigned group ID, a resource rule must be written under the TGR resource type. 'VERIFY STC' performs that validation and issues this message if logon ID has no access to the group (if one is defined).

Severity

04

CKR1460 **BPX1PCT ZFS configuration query failed for system *name*. OC=*nn*, RC=*nn*, REASON=*nn***

Explanation:
The values of the `ZFS_SMF`, `ZFS_SMF_INTERVAL`, `ZFS_FORMAT_COMPRESSION`, `ZFS_FORMAT_ENCRYPTION`, and `ZFS_FORMAT_PERMS` fields (TYPE=SYSTEM) are missing as the result of an error during the execution of the BPX1PCT ZFS configuration function. This function determines the zFS default compression, encryption and permission format, and SMF recording settings.

User response

See the operation, return, and reason codes to resolve the issue:

- OC=*nn* is the operation code qualifier.
- RC=*nn* is the return code qualifier.
- REASON=*nn* is the reason code as described in *UNIX System Services Messages and Codes*.

Severity

04

CKR1461 **Converting requested key to UTF-8 for *class* yielded excessive length *length***
requestedkey
convertedkey

Explanation

A KEY=*requestedkey* specification occurred on a selection statement for a class with UTF-8 keys (for example, IDIDMAP). Indexed database read could not convert the request into a valid UTF-8 profile key to look for. The request is shown in EBCDIC; the conversion result is shown in hexadecimal.

Severity

12

CKR1462 **Remove racmap *userid* label *label* - output RACMAP DELMAP**

Explanation

This message is issued due to a REMOVE USER= command. In order to remove *userid*, its identity mappings must be deleted first, hence RACMAP DELMAPs are generated for each.

Severity

00

CKR1463 **Incomplete COMPAREOPT - TYPE and NAME are required *source***

Explanation

A COMPAREOPT statement requires both a name and type to identify it. One or both parameters are missing.

User response

Add missing parameters.

Severity

12

CKR1464 **Could not determine certificate fingerprint**

Explanation:
An error was returned by the checksum service. The fingerprint for the current certificate is not calculated and will be returned as all-zeroes. The message can be suppressed.

Severity:
08

CKR1465 **Define TYPE=******name* **only allowed for COMPARE_RESULT, COMPARE_CHANGES, COUNT, and SUMCOUNT *source***

Explanation

A DEFINE TYPE=* for the indicated variable name was an unsupported type. Only the indicated types are allowed for TYPE=*.

User response

Change TYPE to the desired type and repeat the DEFINE statement for every desired type.

Severity

12

CKR1466 **WHERE clause not allowed for define *name* TYPE= * *source***

Explanation

WHERE clause is not allowed for A DEFINE TYPE=* for the indicated variable name. Only the indicated types are allowed for TYPE=*.

User response

Either remove the WHERE clause or repeat the DEFINE for every type needed, specifying an explicit newlist type.

Severity

12

CKR1467 **Functions like lookup not allowed for define *name* TYPE=* *source***

Explanation

DEFINE TYPE=* for the indicated variable name was done specifying a function like substring, WORD, lookup, and so on. These are not allowed with TYPE=*.

User response

Either remove the functions or repeat the DEFINE for every type needed, while specifying an explicit newlist type.

Severity

12

CKR1468 **Warning: TYPE=* define for variable *name source* overrides TYPE=*type* define *source2***

Explanation

This suppressible message warns that a previous definition of a variable is being superseded by a TYPE=* definition. The earlier definition may still be in use for prior newlists. If a specific type is indicated, it also overrides a global type-specific DEFINE of that type for the same variable name. This message is issued for every newlist type where a global variable has been instantiated with the same name. Subsequent references to the variable name will no longer use the overridden definitions.

Severity

00

CKR1469 **COMPAREOPT *keyword1* must be specified before *token* at *ddname* line *number***

Explanation

TYPE must come before BY, COMPARE, or BASE on a COMPAREOPT statement. NAME must come before BASE.

User response

Add or move TYPE and NAME keywords before BY, COMPARE, and BASE parameters.

Severity

12

CKR1470 **Field *field* value *invalid expression* is not a valid numeric expression at *origin* line *line***

Explanation

The parser expects a field value to contain a valid numeric expression. Either a decimal number or a numeric symbolic expression can be used in this context.

Severity

12

CKR1471 **Resource simulation class *class* is not supported - *source***

Explanation

Classes that assign a nonstandard meaning to the member list are not supported for resource simulation. This restriction applies to classes such as CONNECT, DIGTNMAP, DIGTCERT, DIRACC, DIRAUTH, FSSEC, FSOBJ, GLOBAL, GMBR, GROUP, IDIDMAP, NDSLINK, NODES, NODMBR, NOTELINK, PMBR, PROGRAM, RACFVARS, RVARSMBR, SCDMBR, SECDATA, SECLABEL, SECLMBR, UNIXMAP, USER, VMBR, VMEVENT, VMXEVENT, VXMBR. The DATASET class is not supported either.

User response

For the DATASET class, you can use the SIMULATE SENSITIVE command for resource simulation.

Severity

12

CKR1472 **Complex *name* cannot have both FUNCTION=BASE and MAIN**

Explanation

If you want to compare two versions of the same security database, use different complex names. If you use the same complex name, you cannot distinguish the output of one database version from the other.

This message can also cause subsequent CKR1434 messages.

User response

Use different complex names for FUNCTION=BASE and (the default function) FUNCTION=MAIN.

Severity

12

CKR1474 **Missing COMPARE and no default for COMPAREOPT TYPE=*type* NAME=*name source***

Explanation

The COMPARE parameter is missing on the indicated COMPAREOPT statement. A default COMPARE value is not defined for the newlist type.

User response

Add a COMPARE parameter.

Severity

12

CKR1475 **Unexpected short ACCESS record at *source***

Explanation

This message indicates that an input file designated as TYPE=ACCESS contains a record that is shorter than allowed for TYPE=ACCESS files. If too many errors are found in the input file, message CKR1477 will follow this message.

You can suppress this message using the SUPPRESS command.

User response

Verify that you specified the proper data set and TYPE on the ALLOC statement for TYPE=ACCESS, or on the SETUP input files panel.

Severity

16

CKR1476 **Unsupported ACCESS record type *xx* at *source***

Explanation

The message indicates that an input file designated as TYPE=ACCESS contains an unrecognized record ID *xx*. If too many errors are found, message CKR1477 will follow this message.

You can suppress this message using the SUPPRESS command.

User response

Verify that you specified the proper data set and TYPE on the ALLOC statement for TYPE=ACCESS, or on the SETUP input files panel.

Severity

16

CKR1477 **Excessive errors in TYPE=ACCESS input; skipping rest of file at *source***

Explanation

This message indicates that more than 100 errors were found in a file designated as TYPE=ACCESS. The rest of the file will be skipped.

You can suppress this message using the SUPPRESS command.

User response

Verify that you specified the proper data set and TYPE on the ALLOC statement for TYPE=ACCESS, or on the SETUP input files panel.

Severity

16

CKR1478 **COMPARE_CHANGES not supported on SUMMARY**

Explanation

The results of a comparison process are returned by the COMPARE_CHANGES variable. To report the COMPARE_CHANGES results, you must use the SORTLIST or DISPLAY commands; you cannot use the SUMMARY command.

Severity

12

CKR1479 **SYSLOG is not supported under VM**

Explanation

Writing a SYSLOG message to a UNIX SYSLOG receiver is not directly supported under z/VM.

User response

Run this CARLa under z/OS.

Severity

12

CKR1480 **Sendto for *name* sockdesc *m* failed *UNIX error*, *name source***

Explanation

Indicates that the UNIX **sendto** service failed with the indicated error.

User response

Correct the error and try again.

Severity

12

CKR1481 **[Queuing | Sending] *name* to *addr* port *port* on sockdesc *n*, *name source size* byte [while free *freesize*]**
syslog_line

Explanation

Indicates the destination for a syslog message. It also shows the syslog message EBCDIC encoding. However, the information is sent in UTF-8 format.

The *addr* format corresponds to the IP stack for creating the socket descriptor. If the IPv6 stack is available, IPv4 address are mapped to the IPv6 socket and shown in the following format: `::FFFF:n.n.n.n` where `n.n.n.n` is the IPv4 address. The following examples show the different message formats for IPv4 and IPv6:

Message for an IPv4 address mapped to an IPv6 stack for a UDP destination:

```
CKR1481 00 Sending IPV6V4
to ::FFFF:127.0.0.1 port 514 on sockdesc
0, IPV6V4 at SYSIN line 6 - 245 byte
```

Message for an IPv6 stack:

```
CKR1481 00 Sending IPV6V4 to ::1 port 514
on sockdesc 0, IPV6V4 at SYSIN line 6 -
245 byte
```

Message for an IPv4 stack:

```
CKR1481 00 Sending IPV4LCL to 127.0.0.1
port 514 on sockdesc 0, IPV4LCL at SYSIN
line 6 - 245 byte
```

Severity

00

CKR1482 **Empty syslog message *name source***

Explanation

An empty line or no line at all was encountered in a request to send a syslog message.

User response

Correct the CARLa used to generate the syslog message, and try again.

Severity

12

CKR1483 **Syslog message *name* has more than 1 line, *name source***
syslog_line_1
syslog_line_2

Explanation:
Notification that a syslog message sends only the first line.

User response:
Change the message to reduce it to one line.

Severity

12

CKR1484 **IPv4 *family sockettype protocol* socket call for syslog failed *UNIX error***

Explanation

An attempt was made to establish an IPv4 socket with the UNIX **socket** service, but this attempt failed with the indicated diagnostic information.

User response

See the *z/OS UNIX System Services Messages and Codes* reference manual available from IBM Documentation for z/OS.

Severity

12

CKR1485 **IPv4 syslog socket close failed *UNIX error***

Explanation

An attempt was made to close an IPv4 socket, but this attempt failed with the indicated diagnostic information.

User response

See the *z/OS UNIX System Services Messages and Codes* reference manual available from the z/OS Internet Library.

Severity

12

CKR1486 **[*ipstack*] *family sockettype protocol* socket call for syslog system abend *abend-reason* (*description*)**

Explanation

The IPv4 or IPv6 socket call failed. The [*ipstack*] *family sockettype protocol* address is either IPv4 or IPv6 depending on the type of socket being created. A fallback attempt is indicated by an extra *ipstack*

indication IPv4. For additional information about the abend code, see the *Communications Server IP and SNA Codes* manual available from the z/OS Internet Library.

Severity

12

CKR1487 **Created [*ipstack*] *family sockettype protocol* syslog sockdesc *n***

Explanation

The [*ipstack*] *family sockettype protocol* address shows the address family that the getaddrinfo service returns: AF-INET6 for IPv6 or AF_INET for IPv4. A fallback attempt is indicated by an extra *ipstack* indication IPv4.

The following examples show the different message formats for UDP and TCP:

```
CKR1487 00 Created AF_INET6 DGRAM UDP
syslog sockdesc 0
CKR1487 00 Created AF_INET6 STREAM TCP
syslog sockdesc 1
```

Severity

00

CKR1488 **CMSMODE is only valid with DSN/DA/DATASET - before *token* AT *ddname* LINE *number***

Explanation

This message indicates that in z/VM, the CARLa ALLOC statement for the RACF database requires a DSN, DA, or DATASET parameter when using the CMSMODE parameter.

Severity

12

CKR1489 **CMSMODE is mutually exclusive with VOL/UNIT/ STORCLAS/MGMTCLAS/DATACLAS - before *token* at *ddname* line *number***

Explanation

This message indicates that in z/VM, the CARLA ALLOC statement incorrectly specified the V, VOL, VOLSER, VOLUME, U or UNIT allocation parameter with the CMSMODE parameter for the RACF database data set. The CMSMODE parameter can only be used to allocate files with the DSN, DA, or DATASET parameters

Severity

12

CKR1490 **CMSMODE is required with DSN/DA/DATASET under VM - before *token* AT *ddname* LINE *number***

Explanation

This message indicates that in z/VM, the CARLa ALLOC statement did not specify the CMSMODE parameter for the RACF database data set.

Severity

12

CKR1491 **MEMBER specification not allowed under VM - before *token* AT *ddname* LINE *number***

Explanation

This message indicates that in z/VM, the CARLa ALLOC statement incorrectly specified a member in the DSN, DA, or DATASET parameter for the RACF database.

Severity

12

CKR1492 **CMSMODE is only valid under VM - before *token* AT *ddname* LINE *number***

Explanation

This message indicates that in z/OS, the CARLa ALLOC statement incorrectly specified the CMSMODE parameter for the RACF database data set. This parameter can only be used in z/VM.

Severity

12

CKR1493 **Cannot use ACF2 SVC-A for complex *complex*: *reason*. Falling back to *dsn***

Explanation

This message indicates that the program cannot use the ACF2 alteration SVC to perform IO to the active logon id database. The backup database is

used instead. There are various reasons why the ACF2 SVC cannot be used, but the rule of thumb is that the use of the SVC is only supported for NEWLIST TYPE=ACF2LID, and requires an explicit SELECT statement for a LID or LID mask. Moreover, the SELECT statement cannot be too complicated.

Severity

00

CKR1494 Client connection to server failed RC=*decnum*

Explanation

This message indicates that the CARLa query could have a benefit from accessing the zSecure Server, but the attempt to contact the server failed with the indicated return code. For example, some fields might have been specified but could not be verified.

Message CKR2351 is also present if it the server is required for the query.

Return code values:

2
See the prior server-error CKN message. The message is prefixed by the ZSECSYS name of the server.

4
Did not all fit in buffer

8
Unsupported function

12
Caller not authorized as client

16
Parameters not valid

User response

Look for CKN* server messages before this message, and follow their guidance. For return codes greater than 2, search the support site for information on CKR1494 and the indicated return code. Restart the server to see if the problem disappears.

Severity

0

CKR1495 There is no server active with SERVERTOKEN=*name*

Explanation

This message indicates that the CARLa query could have a benefit from accessing the zSecure Server, but did not find an active server with the indicated server token.

Message CKR2351 is also present if it the server is required for the query.

User response

Verify that the server token is correct in SETUP RUN when running the ISPF user interface. If the token is correct, ensure that the server is still running. Restart the server if it is not running.

Severity

0

CKR1496 Unexpected RC from ACF2: *msg*

Explanation

This message indicates that the program was using the ACF2 alteration SVC to read records from the logonid database. During this process, it received a non-zero return code from ACF2 (indicating a failure), accompanied by a message that provides more details. The text of that message is reproduced here.

Severity

20

CKR1497 No active systems found matching *zsecparm* in ALLOC command at *ddname* line *number*

Explanation:
The ZSECNODE or ZSECSYS specification of *zsecparm* was used on the indicated ALLOC command. A value of asterisk (*) is used for the node or system. This value selects only active systems. All systems that match the specification in *zsecparm* appear to be inactive to the local zSecure Server. Use the CKNSERVE primary command to see the status of the server connections.

Severity

12

CKR1498 Options DD and SYSLOG are mutually exclusive

Explanation

You cannot specify both DD (DDNAME,FILE,F) and SYSLOG on a NEWLIST statement.

User response

Ensure that the NEWLIST statement has either a DD (DDNAME,FILE,F) or SYSLOG parameter, but not both.

Severity

12

CKR1499 **CKRSVPUT sync error - waiting for file *ddname* open but finding *ddname2* for *clientno***

Explanation

This message indicates that an error occurred in communication with a remote CKRCARLA through the zSecure Server.

User response

Use fewer remote files at the same time.

Severity

24

CKR messages from 1500 to 1599

CKR1500 **Invalid $ANYMISSINGMIGC in *program*: *volser dsname***

Explanation

This message indicates an internal error in VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1501 **CKRPUTV: *calltype* call for *fieldtype* field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The field indicated by *fieldaddr fieldname* cannot be stored again. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1502 **CKRPRMSG.CKRM385: Message *msgid* has unexpected member entry of type *eyecatcher* for *class profile***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Particularly valuable information in case of this error would be the *msgid* and what member list the indicated *profile* actually has. The first four letters of the msgid indicate the function that is partially failing; for example, 'VPRM' for VERIFY PERMIT.

Severity

24

CKR1503 **E-mailed XML document DD *ddname* should use ENCODING=UTF-8**

Explanation

The z/OS SMTP server automatically translates e-mail from EBCDIC to ASCII. When you use the default ENCODING=EBCDIC for e-mailed XML documents, this results in an ASCII document containing a header describing the document as EBCDIC encoded. Such XML document may not be parseable by your XSLT processor. You are advised to use ENCODING=UTF-8 for XML documents.

Severity

04

CKR1504 **Unable to obtain storage for Dynamic Parse Table. Size=*nnnnnn*, SYSTEM=*ssssssss*, DDNAME=*dddddddd***

Explanation

It was not possible to obtain storage to rebuild the Dynamic Parse Table, while processing a CKFREEZE data set or an UNLOAD data set. The values *ssssssss* and *dddddddd* help identify the CKFREEZE or UNLOAD

data set being processed. The value *nnnnnn* is the requested size of storage for the table in bytes.

This error has occurred during the reading of the CKFREEZE or an UNLOAD data set . Dynamic Parse Table records have been found in the data set but the attempt to reconstruct the table from the records has failed. As a result of this message, no Dynamic Parse Table will be built from this input file. This will affect the processing of RACF custom fields.

User response

This error is likely caused by a corruption of the CKFREEZE or UNLOAD data set. If the CKFREEZE or UNLOAD data set has been sorted, or records have been dropped or altered in some way, then errors of this kind can occur. It is also possible that insufficient memory is allocated to the address space where the data set is being processed. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1505 **Errors in Dynamic Parse Table. *text*, Table Part = *nn*, SYSTEM=*ssssssss*, DDNAME=*dddddddd***

Explanation

There has been an error in reconstructing the Dynamic Parse Table. In the message, the *text* value can be one of the following values:

- "Sequence error": indicates that the records found do not have sequential record numbers.
- "Address mismatch" indicates that the records do not have matching originating addresses in them.
- "Length mismatch" indicates that the records do not have the expected lengths within them.
- "Pointer error" indicates that during the adjusting of internal pointers, an internal address was found to be outside the table bounds.
- "Buffer overrun" indicates that during the build of the table, an attempt was detected to write past the end of the Dynamic Parse Table area.

The value *nn* identifies the section of the table last processed. The values *ssssssss* and *dddddddd* help identify the data set being processed.

This error has occurred during the reading and processing of the CKFREEZE or an UNLOAD data set. Dynamic Parse Table records have been found in the file but the attempt to reconstruct the table from the records has failed. As a result of this message no Dynamic Parse Table will be built from this input file. This will affect the processing of RACF custom fields.

User response

This error is likely to be caused by a corruption of the CKFREEZE or UNLOAD data set. If the CKFREEZE or UNLOAD data set has been sorted, or records have been dropped or altered in some way, then errors of this kind can occur. It is also possible that insufficient memory is allocated to the address space where the data set is being processed. If you cannot resolve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1506 **CSDATA keyword name *name* longer than 8 characters. Ignoring keyword.**

Explanation

The dynamic parse table mentions a custom field longer than 8 characters. This keyword will be ignored.

Severity

20

CKR1507 ***procedure* called with invalid CSTD length *length***

Explanation

An internal error in custom field processing occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1509 **CKRMODF OTYPCSD Internal error. *Reason***

Explanation

An internal error occurred in the overtype processing of custom fields. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1510 **Incomplete INFO data returned-missing DNAM block**

Explanation

This message indicates an unexpected condition in node information data returned from the server.

User response

If you do not miss information, ignore the message. If you miss information, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

4

CKR1511 **CKRFMTC.PRTFLD: Called with invalid index for *fieldname source***

Explanation

This is an internal error message.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1512 **CKRINP@.VXMLTAB: Unexpected returned length *length* of hash character translation '*string*'**

Explanation

To provide the correct escaping of characters for XML output, zSecure tried to find the hexadecimal value of the hash character in the CCSID. The CCSID is specified by the CARLa option MY_CCSID. The conversion routine returned a null string or a string longer than 1 byte, which is unexpected.

User response

Verify that the CCSID used on MY_CCSID is valid and that z/OS Support for Unicode is active and has the appropriate tables loaded.

Severity

24

CKR1513 ***act_rec_length* bytes read from CKFREEZE, *expected_rec_length* expected. Record: *recid* of *CKFREEZE***

Explanation

An error has occurred if the actual NMI record length does not equal the expected NMI record length for the record (*recid*) that was read from the specified CKFREEZE data set (*CKFREEZE*).

User response

Use this message to troubleshoot unexpected record truncation or I/O errors.

Severity

08

CKR1514 **CKRLKT: KEY_IMPLICIT but no LOOKUP_TLUR**

Explanation:
An unexpected condition occurred that causes the program to terminate with user abend 1514.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1515 **Duplicate ACCESS=*access* for sensitivity "*senstype*" on SIM**

CLASS=*class* RESOURCE=*resname* complex *complex* system *system*

Explanation

This message is issued when a SIMULATE CLASS statement conflicts with a built-in sensitivity. This is an internal error.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1516 **Unexpected object type *type***

Explanation

This message indicates that an internal error occurred.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1517 **Number of segments that can be scoped exceeds maximum of *maximum* for complex *complex***

Explanation

This message can be caused by a corrupted RACF database being used, by a program internal error, or by an unsupported RACF level.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1518 ... CKR1519 ***message***

Explanation

All messages in this range are internal error messages generated as a result of internal consistency checking. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1520 **Buffer *name* too small for *profilename***

Explanation

The named buffer is used for line command processing. It is too small to contain one profile name.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1521 **CKROUNIT.CKRSADR Internal error: "*text*" unknown protocol, newlist *newlist* at *ddname* line *line***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1522 **CKROUNIT.CKRSADR Internal error: SADP *port* for *destination* not located at *newlist source***

Explanation

This message is followed by user ABEND 1522. It cannot be suppressed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1523 **Checksums exist no data set context available; system *system* [*version*] of *source***

Explanation:
An internal error occurred during processing of a CKFREEZE record that contains checksums of a partitioned data set (PDS) or processing of a partitioned extended data set (PDSE).

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1524 **AUCI *id* without concern text for RISK(*sensitivity,accesslevel*) at *address***

Explanation:
An incomplete audit concern instance was found during TRUSTED processing. The message is followed by a dump of the control block. User abend 1524 is issued to produce a summary dump and the run is terminated. If the message is suppressed processing continues (the audit concern instance is skipped).

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

CKR1525 **AUCI *id* without concern text for RISK(*sensitivity,accesslevel*) at *address***

Explanation:
An incomplete audit concern instance was found during TRUSTED processing. The message is followed by a dump of the control block. User abend 1525 is issued to produce a summary dump and the run is terminated. If the message is suppressed processing continues (the audit concern instance is skipped).

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

CKR1540 **QMNT without TMNT at *callid* for system *system* : *qualifier QMNTaddr. hexvalue***

Explanation

A mount point search completed successfully without locating a mount point.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1554 **CKRXINIT.CKRDBPUT OPEN for *ddname* returned RC=*rc* - issuing USER ABEND 1554**

Explanation

This message indicates that a CKRCARLA instance running as a server received a severe error while communicating with a client about RACF data to be sent for *ddname*. An error this severe (*rc* is 12 or higher) is not recoverable. The server issues user ABEND 1554 to produce a summary dump.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1555 **CKRXINIT.CKRDBPUT *function* for *ddname* returned RC=*rc* - issuing USER ABEND 1555**

Explanation

This message indicates that a CKRCARLA instance running as a server received a severe error while communicating with a client about RACF data being sent for *ddname*. An error this severe (*rc* is 12 or higher) is not recoverable. The server issues user ABEND 1555 to produce a summary dump.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1556 **CKRXINIT.CKRDBPUT: Unknown function code *code* for *ddname***

Explanation

This message indicates that the routine to send RACF data from a server CKRCARLA instance to a client was invoked with an unintelligible function request in regard to *ddname*. The request is ignored. This message is followed by message CKR0809. You can suppress these messages.

Severity

24

CKR1557 **CKROUNIT.TLSDINIT: Conversion of *fieldname1* to UTF-8 is not supported - field *fieldname2* at *ddname* line *number*.**

Explanation

This message can be suppressed; no conversion will be done. (*Fieldname2* is the requested field, *fieldname1* is the actual database field. They might differ if *fieldname2* is a defined variable.)

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1558 **CKROUNIT.TLSDINIT: Conversion of *fieldname1* to EBCDIC is not supported - field *fieldname2* at *ddname* line *number*.**

Explanation

This message can be suppressed; no conversion will be done. (*Fieldname2* is the requested field, *fieldname1* is the actual database field. They might differ if *fieldname2* is a defined variable.)

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1559 **CKRLKPP.CKRIDID: Repeat group restriction for *fieldname1* is not supported - field *fieldname2* defined at *ddname* line *number***

Explanation

Fieldname2 will show up empty in the generated report. This message can be suppressed. (*Fieldname2* is the requested field, *fieldname1* is the actual database field. They might differ if *fieldname2* is a defined variable.)

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1560 **No support for simultaneous I/O to files *file1* and *file2***

Explanation

This message documents that the zSecure Server does not support simultaneous I/O to different RACF databases on a remote server. The program issues user abend 1560.

User response

Modify the query to access only one security database per target server.
If CKR1560 was issued while running Access Monitor reports, then it may be due to the permanent restriction documented. For more information, see the following sections in the *zSecure Admin and Audit for RACF User Reference Manual*: "Automatically removing used profiles", "Automatically removing used permits", or "Automatically removing used connects".

Severity

20

CKR1561 **CKRSVPUT expects SVPUT instead of WKQR *address type flags***

Explanation

This is an internal error message.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1562 **CKRSVPUT unexpected function *nn***

Explanation

This is an internal error message. It is followed by user abend 1562.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1563 **CKRSVPUT invalid WKQRTYPE *nn* instead of file level SVPUT WKQR *address type flags***

Explanation

This is an internal error message.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1564 **No support for simultaneous I/O to files *FILE1* and *FILE2***

Explanation

This message documents that the zSecure Server does not support simultaneous I/O to different recipients over one remote file. The program issues user abend 1564.

User response

Modify the query to perform fewer simultaneous I/O operations per target server.

Severity

24

CKR1565 **Unknown NDEI format - RRSF information is unavailable.**

Explanation

RRSF definitions could not be read.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR1566 **DIRLIST parameter error. ZERRMSG=*error_message***

Explanation

This message indicates that an internal error occurred while calling the DIRLIST service.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1567 **ACCESS I/O stalled**

Explanation

Something is wrong in the TYPE=ACCESS I/O scheduler. This error is followed by user abend 1567.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1587 **CKAOUNIX.CKAFAID: Follow-on call with invalid token for auditid *fileauditid* system *system* complex *complex* index *index***

Explanation

An unexpected condition occurred when a UNIX file audit ID was used to determine a path name and the resolution failed. Resolution is done, for example, to improve the quality of the path names in SMF reports. The system and complex names identify the CKFREEZE. This message can be suppressed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1591 **Missing syntax check for Convert(..,*inputformat*,*internalformat*)**

Explanation:
The syntax checker did not recognize *inputformat* and could, therefore, not determine if CKR0491 should be issued.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. This message can be suppressed to continue attempting the conversion.

Severity

24

CKR1593 **Unrecognized SLFN operation *hex* to *format* (*description*) on field *name source***

Explanation:
The field manipulation operation syntax checker encountered an unknown type of DEFINE ... CONVERT operation. The nested operation syntax checking stops and the manipulation operation is allowed. The return code 24 during parse stops the CARLa query from executing, unless the message is suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1594 **Unrecognized SLFN operation *hex* (*description*) on field *name source***

Explanation:
The field manipulation operation syntax checker encountered an unknown type of field manipulation operation. The nested operation syntax checking stops and the manipulation operation is allowed. The return code 24 during parse stops the CARLa query from executing, unless the message is suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1596 **CKRINLT: Called with invalid CALLTYPE *type***

Explanation

Something is wrong in the newlist type input parser. The TYPE= specification is not recognized.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1597 ***procedure* parm *eyecatcher* not *name***

Explanation

Verification of the calling parameters for *procedure* failed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1598 **Format unresolved for *fieldname* at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1599 **CKROUNIT internal error: OUTFSLCT without OUTFDEFV**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR messages from 1600 to 1699

CKR1600 ***message***

Explanation

This message is issued in response to debugging options. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR1601 ***jobtag* uses [derived|later] CICS dictionary [<*system*> <*date time*>] at *ddname* line *recno***

Explanation

This informational message indicates the record that contains the CICS performance record dictionary that is used by all CICS performance records in the jobtag. The **later** flag value means that this record was written after the CICS performance records themselves. The **derived** flag value means that the SMF does not contain a matching CICS dictionary for the jobtag. In this case, a dictionary is derived from the performance records. For a derived dictionary, the message does not indicate the system date, time, and record number.

Severity

00

CKR1602..1697 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR1698 **Elapsed/CPU *x.xxxxxx/y.yyyyyy* total *e.eeeeee/c.cccccc* msg *mmmmmm***

Explanation

This message is written in response to a DEBUG PERFORM request, and gives the elapsed and CPU time since the previous CKR1698 (or program start for the first message), followed by the total elapsed and CPU time since program start. The times are in seconds with 6 digit accuracy to yield microseconds. The last part of the message gives the ISPF status message number. If the program was running as an ISPF application, there is a continuation line giving the actual content of the ISPF message as it would have been displayed on the screen if you had SUPPRESS MSGTIMER active. The CKR1698 messages and continuation lines are written independently of the SUPPRESS MSGTIMER setting. For an ISPF application, the elapsed time will include all the time the program was waiting for the user to issue commands.

Severity

00

CKR1699 ***message***

Explanation

This message is in response to debugging options. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 1700 to 1799

CKR1700 **C2ARULE: record *record* corrupted: offset out of Reconstruction Table**

Explanation

The indicated access rule record has an unexpected layout. It is probably corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1701 **C2ARULE: record *record* corrupted: offset out of Dictionary**

Explanation

The indicated access rule record has an unexpected layout. It is probably corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in

"Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1702 **C2ARULE: record *record* corrupted: offset out of Data area**

Explanation

The indicated access rule record has an unexpected layout. It is probably corrupted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1703 **CKRPUTV.CKRPTCLS: Too many repeat group entries in staging area for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

While closing repeat group *field* an unexpectedly large number of repeat group entries was detected. This should have been prevented by earlier processing (see CKR1051). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The indicated *record* will show the field as empty.

Severity

24

CKR1704 **CKRPRMSG.CKRM301: Message *msgid* has unexpected WHEN clause of type *eyecatcher* for DATASET *profile volume***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Particularly valuable information in case of this error would be the *msgid* and what WHEN clauses the indicated *profile* actually has. The first four letters of the *msgid* indicate the function that is partially failing; for example, 'VPRM' for VERIFY PERMIT.

Severity

24

CKR1705 **CKRPRMSG: Message *msgid* has unexpected WHEN clause of type *eyecatcher* for *class profile***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Particularly valuable information in case of this error would be the *msgid* and what WHEN clauses the indicated *profile* actually has. The first four letters of the *msgid* indicate the function that is partially failing; for example, 'VPRM' for VERIFY PERMIT.

Severity

24

CKR1706 **CKRPRMSG.CKRWPGM: Message *msgid* for PROGRAM *profile* with unexpected WHEN clause of type *eyecatcher - hexvalue***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Particularly valuable information in case of this error would be the *msgid* and what WHEN clauses the indicated PROGRAM *profile* actually has. The first four letters of the *msgid* indicate the function that is partially failing; for example, 'VPRM' for VERIFY PERMIT.

Severity

24

CKR1707 **CKRDDC: Undefined calltype *hexvalue***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you

cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1708 **CKRDDC: GENERAL SEGMENT *segment* not defined in TSEG**

Explanation

The indicated segment is not defined. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1709 **CKATUID: *RACFid* UGID *ugid* not found in TUID tree**

Explanation

A problem was encountered while building a look up tree from UNIX UIDs to RACF user IDs or from UNIX GIDs to RACF groups. This message will be followed by user ABEND 1709. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1710 **CKRCFV: Directory level error in *system complex*: from *currdepth* to *newdepth* for device *dev* at *directoryname***

Explanation

A CKFREEZE record was encountered indicating an impossible directory switch in the file system dump being processed. The rest of the file system dump will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *directoryname* is the last qualifier of the directory being switched to.

Severity

20

CKR1711 **CKRCFV: Directory tree backup problem (*number* levels to go) in *system complex* for device *dev* at *directoryname***

Explanation

A problem was encountered during a directory switch in a file system dump. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump will be skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *directoryname* is the last qualifier of the directory being switched to.

Severity

24

CKR1712 **CKRCFV: Parent directory locate problem in *system complex* for device *dev* at *directoryname***

Explanation

A problem was encountered during a directory switch in a file system dump. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump will be skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *directoryname* is the last qualifier of the directory being switched to.

Severity

24

CKR1713 **CKRCFV: Directory entry locate problem in *system complex* for device *dev* at *directoryname***

Explanation

A problem was encountered during a directory switch in a file system dump. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump will be skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *directoryname* is the last qualifier of the directory being switched to.

Severity

20

CKR1714 **CKRCFV: Directory entry record truncated in *system complex* record *recno* for device *dev* at *filename***

Explanation

A truncated CKFREEZE record for a UNIX directory entry was encountered. The record will be skipped.

system complex identifies the CKFREEZE.
recno is the record number of the file that is skipped.
dev is the device number of the file system.
filename is the (possibly truncated) last qualifier of the file that is skipped.

Severity

16

CKR1715 **CKRCFV: Empty relative name in *system complex* at *pathname***

Explanation

A CKFREEZE record for a UNIX directory entry was encountered specifying an empty relative name. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record will be skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname for this record.

Severity

20

CKR1716 **CKRCFV.CKRTDIRC: FS root directory without '.' for *system complex*: *mountpoint***

Explanation

On root directory close for the file system dump being processed it was noticed that no '.' entry had been processed (describing the characteristics of the root directory itself). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The root directory and the rest of the file system are discarded. The *system* and *complex* names identify the CKFREEZE; *mountpoint* is the absolute pathname for the file system's mount point.

Severity

20

CKR1717 **CKRCFV: Link record but no current directory *system complex*: *symlinkname***

Explanation

A CKFREEZE record for a symlink was found, but no directory is being processed on this system. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *symlinkname* is the last qualifier of the symlink.

Severity

20

CKR1718 **CKRCFV: Too many directory entries in directory *system complex*: *pathname***

Explanation

The indicated directory appeared to have more directory entries than the supported directory array size allowed (currently more than a million). The rest of the file system dump is skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The *system* and *complex* names

identify the CKFREEZE; *pathname* is the absolute pathname of the problem directory.

Severity

20

CKR1719 **CKRCFV: Link locate problem in *system complex* for *symlinkname***

Explanation

A CKFREEZE record for a symlink was found, but the specified *symlinkname* does not occur as a directory entry in the directory currently being processed for this system. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *symlinkname* is the last qualifier of the symlink.

Severity

20

CKR1720 **CKRCFV: Link contents but no link in *system complex* for *linktarget***

Explanation

A CKFREEZE record with symlink contents was found, but no record with the symlink it pertains to (or that record was discarded--see CKR1717 and CKR1719). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *linktarget* is the pathname the symlink evaluates to.

Severity

20

CKR1721 **CKRCFV: Directory entry attributes missing in *system complex* for *pathname***

Explanation

A CKFREEZE record with symlink contents was found, but the directory entry associated with it is incomplete. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the symlink.

Severity

20

CKR1722 **CKRCFV: Directory entry but no FS selected in *system complex*: *filename***

Explanation

A CKFREEZE record for a UNIX directory entry was encountered, but no file system dump had been started on the system. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped and any subsequent CKFREEZEs records belonging inside a file system dump preceding the next explicit file system dump start are skipped as well. The *system* and *complex* names identify the CKFREEZE; *filename* is the last qualifier of the file being skipped.

Severity

20

CKR1723 **CKRCFV: Directory entry but no directory selected in *system complex* for device *dev*: *filename***

Explanation

A CKFREEZE record for a UNIX directory entry was encountered, but no directory had been selected. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump is skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *filename* is the last qualifier of the file being skipped.

Severity

20

CKR1724 **CKRCFV.CKRTDIRC: Directory close but no FS selected for**

system complex* - noticed at record *number

Explanation

When winding up processing for the current UNIX directory, the indication what file system to add the directory to appeared missing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system (if any) is skipped. The *system* and *complex* names identify the CKFREEZE; *number* is the record number in that CKFREEZE currently being processed (or possibly indicates an end of file condition).

Severity

24

CKR1725 **CKRCFV.CKRTDIRC: Missing FS for *system complex*: *mountpoint***

Explanation

When winding up processing for the current UNIX directory, the file system to add the directory to appeared missing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system is skipped. The *system* and *complex* names identify the CKFREEZE; the *mountpoint* identifies the file system's mount point, below which information will be missing.

Severity

24

CKR1726 **CKRCFV: Previous directory not closed on open in *system complex*: *pathname***

Explanation

When starting on the construction of a new UNIX directory, the previous one appeared to be unclosed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The previous directory is closed before processing continues in an attempt to recover from this unexpected condition. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the directory being opened.

Severity

24

CKR1727 **Illegal FLTRNAME value in profile *key* : *fieldvalue***

Explanation

This message indicates that the FLTRNAME field of the profile mentioned did not contain the character used to separate the issuers and subjects distinguished names (hex 4A). This is probably the result of a corrupted RACF database.

Severity

20

CKR1728 **CKRFTRDN: Illegal call type *type***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1730 **Illegal extended relocate section type *smftype* in DD *dd* RecNo *number* type *type***

Explanation

In the SMF record (record type *smftype*) indicated by the DD and recordnumber an illegal data type was encountered. This extended relocate section will be skipped. Any reports concerning this record might be incomplete. This message is usually the result of a corruption in the indicated record.

Severity

20

CKR1731 **CKRPUTV.CKRPTSRT: Missing sort routine for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The indicated repeat group field is in a special format and requires a special sort routine but none has been provided. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The repeat group will not be sorted.

Severity

24

CKR1732 ***module*: Called with invalid column *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The ACL or CONNECTS explode routine noticed that the column passed to it did not have the correct format. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1733 **CKRXPLD: Storage leak for column *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The ACL explode routine noticed that the column passed to it would not free the exploded ACLs stored to it. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1734 **CKRPUTV.CKRDELST: Cannot separately delete *type* field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The record delete routine was called to delete a field for a column that has nothing stored to it. If *type* is **linked** it is an alias of another column. If *type* is **internal** it is an auxiliary column. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1735 ***routine*: Called for *type* field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

routine was called for an unsupported column type. If *type* is **linked**, it is an alias of another column. If *type* is **hidden** or **internal**, it is not supposed to yield any output. The *routine* can be **CKRPUTV.CKRIRPT** (repeat group open) or **CKRPUTV.CKRPTCLS** (repeat group close). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1736 **CKRPRTFL.CKRGETV: Flush for *type* field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The get value routine was called to flush the cache for a column that has no cache. If *type* is **linked** it is an alias of another column. If *type* is **internal** it is an auxiliary column. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1737 ***procedure*: Unexpected profile type *type* for *class objectname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The PROFILE field in TYPE=DSN will be missing for this data set.

Severity

24

CKR1738 **CKAOUDSN: Missing TVOL for TNVR *address volume dsname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The following fields in TYPE=DSN may be erroneously false, blank or missing for this data set: IS_MOUNTED, IS_MIGRATED, IN_VTOC, IN_VVDS, REAL_DSNAME, REAL_VOLUME, UNITTYPE, BOX_SERIAL.

Severity

24

CKR1739 **CKAOUNIX: Parent is not a directory - *filetype system TMNTaddr TDIRaddr DIREaddr filename ; dev directory***

Explanation

During UNIX pathname resolution following a '..' (parent) specification, it turned out the resulting location was not a directory. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1740 **TMNT without THFS at *callid* for system *system* : *mountpoint TMNTaddr. hexvalue***

Explanation

A mount point without associated file system was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1741 **CKRCFV: Directory switch but no FS selected in *system complex*: *directory***

Explanation

A CKFREEZE record for a UNIX directory switch was encountered, but no file system dump had been started on the *system*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped and any subsequent CKFREEZEs records belonging inside a file system dump preceding the next explicit file system dump start are skipped as well. The *system* and *complex* names identify the CKFREEZE; *directory* is the last qualifier of the directory being switched to.

Severity

20

CKR1742 **Missing SDIR array at *callid* for system *system*: *TMNTaddr TDIRaddr; mountpoint .***

Explanation

A file system without top level subdirectory search structure was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1743 **Missing inner root at *callid* for system *system*: *TMNTaddr; mountpoint***

Explanation

A file system without root directory was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1744 **Missing TATT at *callid* for system *system*: *TMNTaddr TDIRaddr DIREaddr filename ; dev directory***

Explanation

A UNIX file without attributes was encountered.See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1745 **ADDTHOM: Missing INODE index for system *system* mount point *mountpoint***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. In TYPE=UNIX newlists the HOME_OF field and AUDITCONCERN might be incomplete, and AUDITPRIORITY might be too low for files in the indicated file system.

Severity

24

CKR1746 **ADDTHOM: Missing INODE index entry *inode* for system *system* mount point *mountpoint***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. In TYPE=UNIX newlists the HOME_OF field and AUDITCONCERN might be incomplete, and AUDITPRIORITY might be too low for files in the indicated file system with the reported inode.

Severity

24

CKR1747 **Missing FS up link at *callid* from *DIREaddr1* on system *system* while processing *DIREaddr2 relativepathname***

Explanation

A root directory entry DIRE1 could not be related to its file system. This may cause the path evaluation for DIRE2 to fail, which might cause incorrect output for the ATTR, AUDITCONCERN and AUDITPRIORITY fields. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1748 **Missing up link at *callid* from *volume FSname* on system *system* while processing *DIREaddr2 relativepathname***

Explanation

The indicated file system does not appear to be mounted on some directory on this system as expected. This might cause the path evaluation for DIRE2 to fail, which might cause incorrect output for the ATTR, AUDITCONCERN and AUDITPRIORITY fields. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1749 **Orphan instance in *program* : *volser datasetname* complex *complex* [*version*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1750 **CKRCFV: Mount info but no mount point selected for *system complex* - noticed at record *number***

Explanation

A CKFREEZE record with mount point information was encountered that could not be related to a preceding mount point. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *number* is the record number in that CKFREEZE currently being processed.

Severity

20

CKR1751 **CKRCFV: UNIX ACL record but no current directory for *system complex* device *dev* at *filename***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but no directory was being processed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *filename* is the last qualifier of the file the ACL belongs to.

Severity

20

CKR1752 **CKRCFV: UNIX ACL locate problem in *system complex* for device *dev* at *filename***

Explanation

A CKFREEZE record with a UNIX ACL was encountered that did not belong to directory being processed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *filename* is the last qualifier of the file the ACL belongs to.

Severity

20

CKR1753 **CKRCFV: Directory entry attributes missing in *system complex* for *pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but the directory entry associated with it is incomplete. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the file the ACL belongs to.

Severity

20

CKR1754 **CKRCFV: UNIX ACL record entry name truncated for *system complex* for device *dev* at *filename***

Explanation

A truncated CKFREEZE record with a UNIX ACL was encountered. The record will be skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system; *filename* is the last qualifier of the file the ACL belongs to.

Severity

16

CKR1755 **CKRCFV: UNIX ACL record but no mount point selected for *system complex pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but no file system was being processed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the relative pathname of the file the ACL belongs to.

Severity

24

CKR1756 **CKRCFV: UNIX ACL record has unexpected eyecatcher *eyecatcher* for *system complex pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but the ACL record was not recognized. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the file the ACL belongs to.

Severity

20

CKR1757 **CKRCFV: UNIX ACL record has unexpected version *version* for *system complex pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but the ACL record version was not recognized. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the file the ACL belongs to.

Severity

16

CKR1758 **CKRCFV: UNIX ACL record has no ACL entries for *system complex pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but the ACL record was too small to contain any entries. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the file the ACL belongs to.

Severity

20

CKR1759 **CKRCFV: UNIX ACL record truncated for *system complex pathname***

Explanation

A CKFREEZE record with a UNIX ACL was encountered, but the ACL record was too small to contain all the entries it declared to contain. Only the entries actually contained in the record are processed. The *system* and *complex* names identify the CKFREEZE; *pathname* is the absolute pathname of the file the ACL belongs to.

Severity

16

CKR1760 **CKRCFV: UNIX ACL record but no current directory for *system complex* device *dev***

Explanation

A CKFREEZE record with a UNIX ACL was encountered for the mount point root itself , but the corresponding directory could not be located. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE; *dev* is the device number of the file system.

Severity

24

CKR1761 **CKRCFV: Duplicate UNIX *type* ACL in *system complex* for *pathname***

Explanation

A second CKFREEZE record with a UNIX ACL of the indicated type was encountered for the same file. The type can be **access**, **default** or **fdefault**. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The record is skipped. The *system* and *complex* names identify the CKFREEZE. *pathname* is the absolute pathname of the file.

Severity

20

CKR1762 **Internal error - database I/O stalled**

Explanation

No outstanding I/O was found, yet waiting for I/O on an unload complex. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1763 **Internal error - database I/O stalled**

Explanation

No outstanding I/O was found, yet waiting for I/O on a non-unload complex. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1764 **Internal error - database I/O stalled**

Explanation

No complex was found with pending I/O. Going ahead anyway, but this might cause synchronization problems or no profile selection. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1765 **Internal error - no OUTS for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

This message indicates a failure in FIELD restrict processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1766 **Internal error - no OUTS for *fieldaddr1 fieldname1* lookup for *fieldaddr2 fieldname2* defined at *ddname* line *number***

Explanation

This message indicates a failure in FIELD restrict processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1767 **Internal error- no OUTS for display1 OUTF *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

This message indicates a failure in FIELD restrict processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1768 **Internal error- no OUTS for display2 OUTF *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

This message indicates a failure in FIELD restrict processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1769 **CKRRDVAL internal error: inconsistent call: *parameter area***

Explanation

Verification of the calling parameters for CKRRDVAL failed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1770 **Orphan iplvol in *program* : *member* complex *complex* [*version*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1771 **CKRPRLST.DTMODS2: No OUD2 found for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

An error occurred while determining the buffer length for modification of a field on the detail display (with overriding length 0). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1772 **Duplicate vol/dsn combination in program profile *program: volser dsname* complex *complex version***

Explanation

This message indicates an internal error in VERIFY PROGRAM or VERIFY PGMEXIST processing. It may point to an inconsistency in the security database. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR1773 **Missing TVOL for *program: volser dsname* complex *complex* [*version*]**

Explanation

This message indicates an internal error in the VERIFY PROGRAM or VERIFY PGMEXIST processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1774 **Invalid instance in *program: volser dsname* complex *complex* [*version*]**

Explanation

This message indicates an internal error in the VERIFY PROGRAM or VERIFY PGMEXIST processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1775 **Invalid $NOVTOC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1776 **Invalid $ANYMISSINGVTOC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1777 **Invalid $NOVTOC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1778 **Missing $ANYMISSINGVTOC or $ANYMISSINGMIGC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1779 **Invalid $NOTMOUNTED in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1780 **Invalid $VTOCUNREADABLE in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1781 **Invalid $NOVTOC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1782 **Invalid $NOVTOC in *program: volser dsname***

Explanation

This message indicates an internal error in the VERIFY PROGRAM processing. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1783 **CKROUNIT internal error - OUTF$SLFN$LOOKUP without TLUD for *fieldname ddname* line *number***

Explanation

An unrecoverable error occurred while processing *fieldname*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1784 **Non-SLFN lookup *fieldname***

Explanation

A lookup was attempted for *fieldname*, but the required structures were not present. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1785 **ADDTHOM: No free INODE index entry *inode* for system *system* mount point *pathname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. In TYPE=UNIX newlists the HOME_OF field and AUDITCONCERN may be incomplete, and AUDITPRIORITY may be too low for files in the indicated file system with the reported inode.

Severity

24

CKR1786 ***routine*: No THOM for IHOM *hexaddr* dev *device* inode *inode***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. In TYPE=UNIX newlists the HOME_OF field and AUDITCONCERN may be incomplete, and AUDITPRIORITY may be too low for files in the indicated file system with the reported inode.

Severity

24

CKR1787 **CKRCFV: File audit id mismatches inode in *system complex* for device *dev: filename***

Explanation

The file audit ID checked for the indicated file has an unexpected layout. Lookups from file audit ids to files in this file system will not be performed. The *system* and *complex* names identify the CKFREEZE; *filename* is the last identified of the file checked, which is in the root directory of the indicated device. When this message is issued for a zFS file system for a z/OS release that is not supported, this message is issued with severity 0 (informational). Otherwise, it is issued with severity 20 (unsupported condition); see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20 (or 0)

CKR1788 **CKRCFV: File system audit id *auditid* not unique on system *system complex* - device *dev* unindexed**

Explanation

The indicated device (a file system) has the same audit ID as another device that was encountered earlier. Lookups from file audit IDs to files in this file system will either fail or yield erroneous results that point to the other device. The *system* and *complex* names identify the CKFREEZE.

This message can be issued when multiple HFS or ZFS files have the same file system audit ID. See the overview of the zFS audit identifier in the **zFS administration guide** in the z/OS documentation for guidelines on how to implement the unique auditid capability in your z/OS UNIX environment. You can use the MOUNT report in RE.U.R to look up information about the device. You can use OPTION MSGRC=(1788,*rc*) to change the severity of the message.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20 (unless changed by the MSGRC parameter of the OPTION statement)

CKR1789 **CKRCKGF.CKRUSRG: Called for invalid tag *tag* (dec)**

Explanation

The USR subselection routine encountered an unintelligible request. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1790 **CKRSEL.CKRCOMFV: Called for invalid tag *tag* (dec)**

Explanation

The normal ACL (early) subselection routine encountered an unintelligible request. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1791 **CKRSEL.CKRC2MFV: Called for invalid tag *tag* (dec)**

Explanation

The conditional ACL (early) subselection routine encountered an unintelligible request. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1792 ***routine*: No literal stored for *fielddaddr fieldname* defined at *ddname* line *number***

Explanation

The cache for a field that is supposed to have a fixed value is empty. The field will show up

empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1793 **CKRPUTV.CKRDELST *function*: Unfinished restage - now at TLST *recordaddr***

Explanation

During the indicated delete list *function* for the indicated *record* it was noted that a preceding restage function had failed to complete. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1794 **CKRPRTFL.CKRGETV *function*: Unfinished restage - now at *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

During the indicated get value *function* for the indicated *field* it was noted that a preceding restage function had failed to complete. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1795 **CKRPRTFL.CKRGETV: Not ready for restage of *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

A restage request for *field* fails, because the current program state does not allow the restage; the field will show up empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1796 **CKRPRTFL.CKRGETV: Cannot restage *fieldaddr1 fieldname1* while staging *fieldaddr2 fieldname2* defined at *ddname* line *number***

Explanation

A restage request for *field1* fails, because the staging area is being used for *field2*; *field1* will show up empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1797 **CKRPRTFL.CKRGETV: Cannot restage *fieldaddr fieldname* for record *recordaddr1* while staging *recordaddr2* defined at *ddname* line *number***

Explanation

A restage request for *field* fails, because the same field is still being staged for a different record; the field will show up empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1798 **CKRPRTFL.CKRGETV: No staging area for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

A restage request for *field* fails, because the required staging area has not been allocated; the field will show up empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1799 **CKRPRTFL.CKRGETV: Staging area too small for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

A restage request for *field* fails, because the required staging area is too small; the field will show up empty. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR messages from 1800 to 1899

CKR1800 ... CKR1899 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 1900 to 1999

CKR1900 **Nonzero RDJFCB return code *rc* RACFDB complex *complex***

Explanation

The RDJFCB SVC returned a nonzero return code *rc* for one of the CKRACF*nn* files. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR1901 **CKREPNDF: PERM$OWN PERMXREF not TRID on *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1902 **CKREPNDF: PERMXREF invalid with NONDEFAULT on *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1903 **CKROUGRP: PERMXREF invalid with OUTOFGROUP on *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1904 **CKRPRTFL.CKRGETV: Value pointer is NIL for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1905 **CKROURPT: PERMXREF points to PERM**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1906 **CKRSPERM called with nil CKRELEM**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1907 **CKRSTNVD: Secondary volume empty CKRELEM**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1908 **CKRSTPDA Secondary volume finds empty CKRELEM**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1909 ***routine*: WHERE clause improperly treated for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation:
The indicated field is a 'late' field that contains a WHERE clause. A true result for the clause was not properly handled. The resulting variable instance will probably be empty. *routine* can be **CKRPUTV** or **CKRPUTV.CKROUCLS** depending when the erroneous condition was noted.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1910 **CKRVPRM.CHKSTPR: STARTED *profile* but VERIFY STC active; type *type* call for id *id***

Explanation

VERIFY PERMIT processing for STARTED profiles detected it should not have been called for the reported STARTED *profile* because VERIFY STC is also active. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1911 **Undefined ID *identity* without PERM**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1912 **Undefined ID *identity* PERM w/o XREF**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1913 **CKRVPRM: No PERMXREF handling for *type***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1914 **Unknown error message *type* for *volser datasetname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1915 **TRID missing group from TRCO *user/group***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1916 **CKRFSTC: no default group found for *user* at member *procedure* under profile *profile***

Explanation

This internal error is issued when no default group is found for a STARTED *profile* with a valid STUSER user but no STGROUP specification during processing for task *procedure*. VERIFY STC will further ignore this condition, REPORT STC will report the undefined user being used. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1917 **Unsupported comparand type *bbbb***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1918 **Premature end-of-file on *ddname* reading blk *nnn* computed last block is *mmm***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR1919 **Internal error: TGDAQUAL=0 for *profile***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1920 **CKRFLD internal error searching *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1921 **CKRCFV: Mount record truncated for UNIX device *dev* in system *system* complex *complex***

Explanation

A CKFREEZE mount record was found specifying a mount point path that was longer than fit in the record. The mount point path is truncated, but processing continues.

Severity

16

CKR1922 **CKRSTELM called invalidly**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1923 **CKRSPERM1 unsupported - *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1924 **CKRSPERM2 unsupported - *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1925 **GET$PMB: invalid program *program* referred for *volser* - *datasetname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1926 **CKRSTPMB with invalid CKRELEM *type* complex *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1927 **TNVR for TPMB not TNVD or TGDA but *xxxx - dsname vol* system *sys* complex *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1928 **TNVR not TNVD or TGDA but *xxxx - dsname vol* system *sys* complex *complex version***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1929 **CKRXINIT.CKRDIDID: GENERAL BASE not defined in TSEG**

Explanation

The base segment for general resource profiles appears to be undefined in this RACF database. Indexed database read processing cannot guarantee complete output for the RACMAP_REGISTRY field. A run with SUPPRESS INDEX might provide more complete output.

Severity

20

CKR1930 **CKROURPT missing PERMWHEN on *key***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1931 **CKROURPT no PERMWHEN support for *type* on *key***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1932 **CKROURPT PERMWHEN expected *type1* found *type2***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1933 **Internal error: mcat processed also on *system* for *system catvol catname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1934 **No connected ctlg *catname* for *system cluster***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1935 **Dircat w/o ctlg *catname* for *system* cluster *name***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1936 **TNVR has no sys sections, skipped - *volume dsname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1937 **CKROURPT Unknown report type *type***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1938 **Section missing for *type hexlength* #sys=*number* #cmplx=*number* - issuing abend 1938**

Explanation

This message may hamper operation if you try to analyze an old CKFREEZE file or an incomplete CKFREEZE file. If this is not the case, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1939 **More than one DATASET profile for dataset *volume dsname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1940 **Tape volumes in unexpected profile type *typ1* and *typ2* complex *complex version***

Explanation

Volume serials were encountered in unexpected profile types (for example, in a generic TAPEVOL profile). See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1941 **Missing default group for defined user *id* complex *complex* [*version*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1942 **TNVR not TNVD/TGDA/NOPR but *type - volume dsname* complex *complex* [*version*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1943 ***type* internal error: *string* [at *ddname* and RecNo *number*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1944 **CKRVPRM TRID *address* invalid *id* to *name***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1945 **CKRACTM: CKRGETV returned RC=*rc* for *fieldaddr fieldname*; TLST *recordaddr*; token *token* defined at *ddname* line *number***

Explanation

The action-on-modify routine was unable to retrieve the previous value of the indicated field. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The modify action will fail.

Severity

24

CKR1946 ***routine* merged TLST invalid**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1947 **CKRPRTFL.CKRGETV: Unknown cache method *xx* for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1948 **CKRCFV: Directory entry during FS switch for *system complex* to *mountpoint***

Explanation

A CKFREEZE record for a UNIX directory entry was encountered while the start of a new file system dump had not completed yet. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. The rest of the file system dump is skipped.

Severity

20

CKR1949 **CKRCFV: Duplicate FS dump for *system complex FSvolser FSdatasetname***

Explanation

A file system dump was encountered while a dump for that file system had already been processed before. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. This file system dump is skipped.

Severity

20

CKR1950 **Internal error - beadcont *address* . *hexvalue* * *char-value* ***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1951 **CKRPUTV.CKRPTCLS: Invalid repeat close for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. The indicated *field* for the indicated *record* will not be stored.

Severity

24

CKR1952 **CKRPUTV: Invalid element length *length* for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1953 **CKRPATT: nil MGEN at pattern *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR1954 **CKRPRTFL: Unknown format *outputformat* for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1955 **CKRPUTV: Unknown storage method *xx* requested for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1956 **CKRPUTV: Unknown repeat group storage method *xx* requested for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1957 **CKRPRTFL.CKRGETV: Unknown function call *number* for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1958 **CKRPRTFL.CKRGETV: Invalid token *token* requested for *fieldaddr fieldname*; TLST *recordaddr*; fn *code*; *cachetoken* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1959 **CKRPRTFL.CKRGETV: Link is NIL for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1960 **CKRPRTFL.CKRGETV: Cache invalid for link from *fieldaddr1 fieldname* to *fieldaddr2*; TLST *recordaddr*; flg *flags* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1961 **CKRPRTFL.CKRGETV: Unknown storage method *xxyy* for *fieldname*; TLST *recordaddr*; OUTFs *fieldaddr1 fieldaddr2* defined at *ddname1* line *number1* at *ddname2* line *number2***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1962 **CKRPRTFL.CKRGETV: Repeat group address is NIL for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1963 **CKRPRTFL.CKRGETV: Repeat group entry length 0 for *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1964 **CKRPRTFL.CKRGETV: *a b/c* entries in *fieldaddr fieldname*; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1965 **CKRPRTFL.CKRGETV: Decompress of *xx* for *fieldaddr fieldname* via *yy* (*zz*) failed; TLST *recordaddr* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1966 **SMF record *number* length discrepancy between RDW (*len1*) and input routines (*len2*) in *ddname volser dsn***

Explanation

The length returned by the SMF input routines differs from the length seen in the SMF record's RDW. The record will be skipped. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1967 **CKRPRTFL.CKRGETV: Record descriptor mismatch for *fieldaddr fieldname*: *descriptor1*; TLST *recordaddr*: *descriptor2* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1968 **CKRPUTV: Entry length *actual* instead of *expected* for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The indicated *field* was supposed to have values of a fixed length as indicated by *expected*, but an entry with length *actual* was encountered. Due to the chosen storage method the entry cannot be stored now. If you are running zSecure for RACF, refer to the documentation for the VARLEN output modifier in the *zSecure CARLa Command Reference* for information about troubleshooting the problem in the database. If the error is not found in the database or you are running zSecure on another platform, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR1969 **CKROUNIT: Unknown summary statistic *xx* for *fieldname* at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1970 ***routine*: Invalid list header - TLHD *listaddr*. *hexvalue* * *charvalue* ***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1971 ***routine*: Invalid list line - TLST *recordaddr*. *hexvalue* * *charvalue* ***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. This message is followed by user ABEND 16. If the message is suppressed, processing continues.

Severity

24

CKR1972 **CKRDEXB: Requested rel blk *block* not in cache *start-end* for *ddname volser dsname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem might possibly be circumvented by specifying SUPPRESS INDEX or BDAMQSAM.

Severity

24

CKR1973 **CKRSTPL.CKRCLST: For a MERGELIST the primary TLHD must be supplied**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. If this error occurs, the output records might appear in the wrong sort order.

Severity

24

CKR1974 **CKRPUTV: Late call for *fieldaddr1 fieldname1* but repeat group open for *fieldaddr2 fieldname2* defined at *ddname* line *number***

Explanation

Apparently two repeat groups are being constructed at the same time. This is not supported and the "nested" calls for *field1* are ignored; that is, the values are discarded. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1975 CKRXINIT: no key/mask/class

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem might possibly be circumvented by specifying SUPPRESS INDEX or BDAMQSAM.

Severity

24

CKR1976 CKRXINIT: key has length 0

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem might possibly be circumvented by specifying SUPPRESS INDEX or BDAMQSAM.

Severity

24

CKR1977 CKRDIXB: in cache not found

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The problem might possibly be circumvented by specifying SUPPRESS INDEX or BDAMQSAM.

Severity

24

CKR1978 Ready RFDS but state is *state*

Explanation

A user abend 1978 will be issued to prevent a CPU loop. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1979 CKRLKPP: Unspecified kind of repeat group restriction for *fieldaddr fieldname*defined at *ddname* line *number*

Explanation

An error occurred when processing the indicated field. The field will not be output. This message can be suppressed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1980 CKRLKPP: Unintelligible request *xx* for *fieldaddr fieldname* defined at *ddname* line *number* in *type*

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1981 CKRPATT: undefined generic type to be added to MTAB

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1982 **C2ARULE: backward reference found at first entry**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1983 **CKRPUTV: Early call for late field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The indicated *field* is supposed to be constructed in a later stage; this call is ignored. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1984 ***routine*: Invalid column - OUTF *fieldaddr*. *hexvalue* * *charvalue* ***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. This message is followed by user ABEND 16. If the message is suppressed, processing continues.

Severity

24

CKR1985 **CKRPUTV.CKRIRPT: Late open for *fieldaddr1 fieldname1* but repeat group open for *fieldaddr2 fieldname2* defined at *ddname* line *number***

Explanation

The area used for building repeat groups and constructing late columns is explicitly opened for *field1*, but it should have been closed for *field2* first; the close processing for *field2* will be performed now before the requested open processing in an attempt to recover from this condition. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1986 **CKRPUTV.CKRPTSRT: Unexpected element size *size* for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

There appears to be something wrong with repeat group *field*; the current repeat group will not be sorted. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1987 **CKRPUTV: Multi-valued non-repeat field *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

Apparently there are multiple *field* values for a single record, but the field is not a repeated field. The secondary values will be discarded.

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1988 **CKRPUTV.CKRDELST *function*: Record *recordaddr* still open for output for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The indicated delete list *function* would delete a record that is still under construction. Since a later write to an already deleted record could wreak havoc and recovery from this condition would be complicated and iffy, user ABEND 16 will be issued. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1989 ***routine*: Record descriptor *descriptor* not ready for printing *fieldaddr fieldname***

Explanation

The request to print the indicated *field* is not honored, because that column is part of a record type for which no record appears to be being printed at this time. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1990 **CKRPUTV: Literal already stored for *fieldaddr fieldname* defined at *ddname* line *number***

Explanation

The indicated *field* column is a literal, so a secondary value for it was not expected. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1991 **CKRPRTFL.CKRGETV nil OUTF_TLSD *address field* defined *source***

Explanation:
This error message indicates an unexpected error condition associated with the indicated field.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1992 **CKRCKGS: No default group for *userid* in *complex***

Explanation

The default group for the indicated *userid* in the indicated *complex* appears to be missing. No CKG.SCP.ID resource name can be constructed for this *userid*. The CKGRACF scope determination may be off. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1993 ***procedure*: Unexpected SCOP *eyecatcher* [for resource *resource*]**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1994 **CKRCKGS.CKRIMPL: Invalid USRC (len=*len*) - *data* for *fieldaddr fieldname*; TLST *recordaddr***

Explanation

The *data* found for the indicated *field* in the indicated *record* does not have the expected USRC format. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1995 **CKRPUTV.CKRPTCLS: Invalid empty repeat close for *fieldaddr fieldname* defined at *ddname* line *number*; TLST *recordaddr***

Explanation

The indicated *field* was first stored, and then processed yielding an empty column, while no storage method precautions were taken to allow this. This message will be followed by user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1996 **CKRPUTV.CKRDELST: MERGELIST error - TLHD *queryaddr* ix *queryindex* TLST *recordaddr* ix *recordindex***

Explanation

The delete record routine encountered a problem in a MERGELIST. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR1997 **CKRLKUP: No function indicated for *fieldaddr fieldname*; TLST *recordaddr* call type *xx* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem..

Severity

24

CKR1998 **CKRCFV: Directory switch during FS switch for *system complex* to *mountpoint***

Explanation

A CKFREEZE record for a UNIX directory switch was encountered while the start of a new file system dump had not completed yet. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump is skipped.

Severity

20

CKR1999 **CKRCFV: Directory switch before FS root for *system complex mountpoint***

Explanation

A CKFREEZE record for a UNIX directory switch was encountered while the root directory contents had not been seen yet. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. The rest of the file system dump is skipped.

Severity

20

CKR messages from 2000 to 2099

CKR2000 **Error loading GQE/XCOM related record *num* system *system* [*version*] of *source: message***

Explanation

An error occurred during loading of records that describe common storage blocks. An unexpected record containing GQE/XCOM-related data was found in the CKFREEZE. This message is usually a result of a corruption in the indicated record.
message shows the encountered inconsistency. Depending on the severity of the problem, either individual or all GQE/XCOM records are unavailable for further analysis and reporting. This is indicated by the message severity, equal to 0 4 or 20, respectively.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

4 or 20

CKR2001 **CKFREEZE appears to be truncated, system *system* [*version*] [- generation] file *ddname source***

Explanation:
Records that were expected at the end of a CKFREEZE file were not found. This suggests that either the CKFCOLL run abended, for example, on a B37 abend, or the CKFREEZE file was truncated during transport.

User response:
Make sure the CKFCOLL run did not abend (for example, because the allocation for the CKFREEZE was insufficient) and that the file or data set was not truncated during transport.

Severity

16

CKR2002 **BPX*n*OPT setsockopt TCP_NODELAY active failed on socket *n* RC *nn* [*meaning*] [reason *qqqq rrrrx* [*meaning*]]**

Explanation:
This message indicates a failure to set the indicated socket option.

User response

See the *z/OS UNIX System Services Messages and Codes* reference manual available from IBM Documentation for z/OS.

Severity

08

CKR2003 **Syslog messages not delivered to port *port* of *destination* *syslog_line***

Explanation:
This message shows the messages that were dropped because the destination could not be reached while the buffer space got filled up. This message can be suppressed so that the JES spool space is not filled in the event of a network breakdown. For CKQRADAR that is in member CKQSPECL.

User response:
Use SUPPRESS SYSLOG_FALLBACK_FILE to suppress this behavior.

Severity

08

CKR2004 **Failed to deliver *number* bytes in *number* messages to port *port* of *IPdestination***

Explanation:
This message is issued at program end or just before program restart. It shows the number of syslog messages that are lost during the current restart interval for the indicated destination. There is one message per destination that lost a syslog message in the current restart interval.

Severity

08

CKR2005 **Failed to deliver *number* messages to port *port* of *IPdestination***

Explanation:
This message is displayed in response to a MODIFY *jobname*,DISPLAY operator command for any destination that was unavailable to receive messages in the current restart interval.

Severity

00

CKR2006 **Can use only one protocol UDP or TCP on port *port* of *IPdestination***

Explanation:
This message is issued if the same destination IP address and port is to be used for both UDP and TCP. This is not supported.

Severity

12

CKR2007 **UDP socket close failed sockdesc *n* RC *nn* [*meaning*] [reason *qqqq rrrrx* [*meaning*]]**

Explanation:
This shows a failure to close an UDP connection. This message indicates that a BPX1CLO or BPX4CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes, the numeric values are followed by an explanatory string.

User response

See the *z/OS UNIX System Services Messages and Codes* reference manual available from IBM Documentation for z/OS.

Severity

12

CKR2008 **Started [re-]read of TYPE=ASSERT [PADS] file *source***

Explanation:
The engine has successfully opened the indicated assertion record file and has started reading.

Severity

00

CKR2009 **Read *number* records [with *errornum* errors] from TYPE=ASSERT file *source***

Explanation:
This message indicates how many assertion records have been read from the indicated file.

Severity

00

CKR2010 **Incomplete TYPE=ASSERT file *source***

Explanation:
The assertion file appears to be truncated. The expected end-of-file record is not found. Processing continues with the records that have been read.

Severity

08

CKR2011 **Excessive errors in TYPE=ASSERT input; skipping rest of file *source***

Explanation:
There were already more than a threshold of five errors found in the TYPE=ASSERT input file. The rest of the file is skipped.

Severity

16

CKR2013 **Non-PADS access required to read ASSERT data, skipping *source***

Explanation:
The program does not support scoping; that is, restricting who can see which assertion records, based on a user's scope of control. The field content is skipped.

Severity

08

CKR2014 **Unexpected short ASSERT record *recno* in file *source***

Explanation:
An unsupported record length was found at the indicated record number. The record is skipped and processing continues until a limit is reached and CKR2011 is issued.

Severity

16

CKR2015 **Unsupported ASSERT file format *hex* record *recno* for file *source***

Explanation:
An unsupported record format was encountered at record *recno* in the indicated file. The rest of the file is skipped.

User response:
Check whether this is actually a TYPE=ASSERT file, and adapt allocation to not include the data set.

Severity

16

CKR2016 ***number* ASSERT records written to *destination***

Explanation:
This message indicates how may records were written in response to a SAVE TYPE=ASSERT statement.

Severity

00

CKR2017 **Skipping incomplete record *number* length *length* in *ddname volser dsn***

Explanation:
An assertion file record ended before all expected fields were found.

User response:
Verify that only assertion files were allocated.

Severity

16

CKR2018 **Error saving assertion source, now missing behind output record *number* in *ddname volser dsn***

Explanation:
An error occurred while trying to save an assertion in the indicated output data set or file. The assertion source indicates whether it was read from a ddname or added through user interface.

Severity

16

CKR2019 **SAVE DD=*ddname* but no ALLOC TYPE=OUTPUT - *source***

Explanation:
The SAVE requests pointed to an output DD name *ddname* but no corresponding ALLOC TYPE=OUTPUT DD=*ddname* specification was found.

Severity

12

CKR2020 **Type ? not supported on SAVE**

User response:
For the list of supported newlist types on the SAVE command, see section "SAVE" in zSecure CARLa Command Reference.

Severity

12

CKR2021 **NEW mutually exclusive with MOD/GETPROC - at *ddname* line *number***

Explanation:
On the ALLOC statement, a parameter NEW was encountered together with MOD or GETPROC. This combination is not supported.

Severity

12

CKR2022 **SAVE DD=*ddname* incompatible with PRINT DD=*ddname source***

Explanation:
A target (output) DD name cannot be used for both SAVE and NEWLIST/PRINT DD= specifications. SAVE must use a different DD name than any print output destination.

Severity

12

CKR2023 **Duplicate SAVE DD=*ddname source***

Explanation:
There can be only one SAVE statement pointing to any specific DD name.

Severity

12

CKR2024 **Out of order assertion ignored *source1* using *source2***

Explanation:
The assertion read from *source1* is ignored because its time is in the future compared to the system that is running.

Severity

08

CKR2025 **SENSTYPE only allowed on ASSERT AS=CONFIG *source***

Explanation:
A SENSTYPE operand was found for an ASSERT AS assertion type that does not support it. It is supported only for an AS(CONFIG) assertion.

Severity

12

CKR2026 **ASSERT AS=CONFIG only allows SENSTYPE, CLASS, RESOURCE, ENDDATE, BY, COMMENT *source***

Explanation:
Unsupported operands were found for an ASSERT AS=CONFIG statement. Only the indicated operands are allowed.

Severity

12

CKR2027 **SAVE type=*type* OPEN failed *ddname volser dsn***

Explanation:
An error occurred while trying to open an assertion output data set or file.

User response:
Look for another operating system error message that explains why the open failed and resolve the problem.

Severity

16

CKR2028 **SAVE type=*type* unsupported**

Explanation:
The SAVE command does not support the indicated output file type. The SAVE mechanism is intended for saving data that is added during display of newlist output, for instance assertions.

User response:
Correct a mistake in the type or find another mechanism than SAVE to write output (for instance NEWLIST DD= or UNLOAD DD=).

Severity

16

CKR2029 **Assertion MASKTYPE=ACF2 *source1* conflicts with earlier MASKTYPE=EGN *source2* for *dsname***

Explanation:
A configuration assertion data set name mask type conflicts with an earlier SIMULATE statement. Note that statements inherit the mask type from the current OPTION setting at the time when the statement is parsed.

User response:
Be consistent in the masktype used.

CKR2030 **Assertion MASKTYPE=EGN *source1* conflicts with earlier MASKTYPE=ACF2 *source2* for *dsname***

Explanation:
A configuration assertion data set name mask type conflicts with an earlier SIMULATE statement. Note that statements inherit the mask type from the current OPTION setting at the time when the statement is parsed.

User response:
Be consistent in the masktype used.

CKR2031 **Mask specification must have a non-generic prefix of at least 3 characters *source* for *dsname***

Explanation:
Generic specification cannot start with a generic character in any of the first three characters. This is enforced to improve CPU performance of mask matching.

User response:
Use multiple mask specifications as needed with at least 3 non-generic leading characters each.

CKR2032 **Missing DEFSENS *senstype* in domain *domain source***

Explanation:
The DOMAIN SENSTYPE parameter does not have a DEFSENS definition. The message is suppressible. If suppressed, the parameter is ignored.

Severity

12

CKR2033 **Duplicate ALLOWLIST/LOOKUP_CONFIG/ LOOKUP_CONFIG_LONG=*member* specification in domain *domain source***

Explanation:
Any ALLOWLIST, LOOKUP_CONFIG, or LOOKUP_CONFIG_LONG member name can be mentioned only once per domain.

Severity

12

CKR2034 **SAVE type=*type* late open failed *source***

Explanation:
For an ALLOC TYPE=ASSERT POSTPONE the later open failed. Assertion information that was collected in the last run is lost.

Severity

16

CKR2035 **NEWLIST *name source* unloaded *count type* records to *ddname path_or_dsn***

Explanation:
An UNLOAD request was done in the scope of a NEWLIST NAME=*name*. For every UNLOAD command, it lists how many records were written to the target data set or UNIX file.

Severity

00

CKR2036 **ALLOC SAVE only allowed with TYPE=ASSERT DSNPREF - at *source***

Explanation:
The SAVE operand is allowed only for ALLOC statements that also specify TYPE=ASSERT and DSNPREF=*prefix*.

Severity

12

CKR2037 **DSNPREF length *length* exceeds max length of 14 for SAVE at *source***

Explanation:
The SAVE operand can be used only to generate automatic qualifiers for date, time, user ID, and data set type if the prefix length is smaller than or equal to the indicated *maxlen* value. The suffix that is automatically added must accommodate '.*Yyymmdd.Thhmmss.*userid78.CKAO'.

User response:
Design a smaller data set name prefix, or specify the data set name yourself with ALLOC TYPE=OUTPUT DD=*file* DSN=*your dsn* and SAVE TYPE=ASSERT DD=*file*.

Severity

12

CKR2038 **Completed scan for trivial or dictionary passwords and phrases**

Explanation:
The VERIFY PASSWORD function for the ACTIVE RACF database with KDFAES encryption and dictionary support completed successfully. A dictionary file was allocated to the CKAPWDCT DDname. It was used to scan for dictionary passwords and phrases.

Severity

00

CKR2039 **Completed re-scan for trivial or dictionary passwords and phrases**

Explanation:
The VERIFY PASSWORD REDO function for the ACTIVE RACF database with KDFAES encryption and dictionary support completed successfully. A dictionary file was allocated to the CKAPWDCT DDname. It was used to scan for dictionary passwords and phrases.

Severity

00

CKR2040 **Completed (re-)scan for trivial passwords and phrases**

Explanation:
The VERIFY PASSWORD function for the ACTIVE RACF database with KDFAES encryption support completed successfully. This message is issued when the verify function is requested for all selected users, or if it is limited to only those users who recently changed their password or password phrase. A dictionary file was not allocated to the CKAPWDC DDname and, therefore, not used.

User response:

Severity

00

CKR2041 **Completed (re-)scan for trivial or dictionary passwords and phrases, using small dictionary**

Explanation:
The VERIFY PASSWORD REDO function for the ACTIVE RACF database with KDFAES encryption and dictionary support completed successfully. This message is issued when the verify function is requested for all selected users, or if it is limited to only those users who recently changed their password or password phrase. The use of a small dictionary file was allowed because the user has CONTROL access to the CKR.VERIFY.PASSWORD resource.

Severity

00

CKR2042 **User not authorized for verify password**

Explanation:
The user does not have sufficient access to the CKR.VERIFY.PASSWORD resource. Normal usage

requires READ access. The use of the REDO keyword requires UPDATE access, and the use of a small dictionary file requires CONTROL access.

Severity

16

CKR2043 **Program not APF authorized. Cannot perform requested analysis**

Explanation:
The use of the KDFAES support code requires APF authorization. Normally, the provided CKRCARLX program can be used for this function.

User response:
Running the VERIFY PASSWORD function on the ACTIVE RACF database with KDFAES active is possible only when using the APF-authorized version of the zSecure program. The non-authorized function does not support KDFAES encrypted passwords and password phrases. It is used if you select a RACF input source other than the ACTIVE RACF database. If you want to run the analysis for KDFAES encrypted passwords and password phrases, submit a batch job running the APF-authorized program. Reporting about the results of a prior analysis can be done using zSecure option AU.S or one of the provided CARLa samples.

Severity

16

CKR2044 **Not authorized to use verify password using a small dictionary**

Explanation:
The user does not have sufficient access to the CKR.VERIFY.PASSWORD resource. The use of a small dictionary file requires CONTROL access.

Severity

16

CKR2045 **Dictionary does not have fixed length records and line length 100**

Explanation:
The dictionary that is allocated to DD*name* CKAPWDCT does not have the required record format. The data set must have fixed-length records and a line length of 100 to accommodate passwords and password phrases.

Severity

16

CKR2046 **User list does not have fixed length records and line length 8 or longer**

Explanation:
The user list that is allocated to DD*name* CKAPWUSR does not have the required record format. The data set must have fixed-length records and a line length of at least 8 characters.

Severity

16

CKR2047 **Update of RACF database with scan result failed**

Explanation:
An internal error occurred when trying to update the user profile with information about the VERIFY result.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2048 **Not authorized for redo of verify password function**

Explanation:
The user does not have sufficient access to the CKR.VERIFY.PASSWORD resource. The use of the REDO keyword requires UPDATE access.

Severity

16

CKR2049 **Unexpected return code from verify password function**

Explanation:
An internal error occurred during the VERIFY PASSWORD function.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2050 **Verify password non-KDFAES not done, included in KDFAES verify**

Explanation:
The offline verification of passwords was not performed. The current CKRCARLA run already performed the online analysis that supports KDFAES encryption and the use of a dictionary file. The online analysis includes the verification for trivial passwords as provided by the offline password verification.

Severity

00

CKR2051 **SENSTYPE must end in underscore or start with PCI-PAN, PCI-PAN-clr, PCI-AUTH, GDPR-data, or Site *source***

Explanation:
The sensitivity type must either end with an underscore, be equal to GTftrace, or start with one of the indicated standard related sensitivity type prefixes.

User response:
Correct the sensitivity type.

Severity

12

CKR2052 **An ASSERT AS=CONFIG requires CLASS as well as RESOURCE *source***

Explanation:
The CLASS or RESOURCE parameter or both are missing from an ASSERT AS=CONFIG statement.

User response:
Add the missing parameters.

Severity

12

CKR2053 **Missing senstype in configuration assertion record *record* in *source***

Explanation:
While reading a TYPE=ASSERT input file, an invalid record was found. It indicates it is an AS=CONFIG record but without a SENSTYPE.

User response:
If the assertion file was generated by the CKRCARLA engine, look up the error message in the IBM Support Community at www.ibm.com/mysupport/.

Severity

16

CKR2054 **Invalid value for absolute pathname at *ddname* line *number***

Explanation:
The specified path name is not a correct absolute path. The path does not start with a slash (/), it has consecutive slashes, or ends in a slash.

Severity:
12

CKR2055 **Invalid assertion record *record* in *source***

Explanation:
While reading a TYPE=ASSERT input file, an invalid record was found. This message can be suppressed to eliminate the message and return code.

User response:
If the assertion file was generated by the CKRCARLA engine, look up the error message in the IBM Support Community at www.ibm.com/mysupport.

Severity

16

CKR2056 **Select not supported on field *field* at *ddname* line number**

Explanation:
The indicated field is used on a SELECT statement or in a WHERE clause of a DEFINE command. This is not supported. This field can be used for output only.

Severity:
12

CKR2057 **ALLOC TYPE=CKXLOG file skipped because not licensed - *ddname volume dsn***

Explanation

An ALLOC TYPE=CKXLOG statement for the indicated data set is ignored because zSecure Admin is not installed or has been disabled in IFAPRDxx.

Severity

04

CKR2058 **Started [re-]read of TYPE=CKXLOG [PADS] file *source***

Explanation:
The engine has successfully opened the indicated command-log file and has started reading.

Severity

00

CKR2059 **Read *number* records [with *errornum* errors] from TYPE=CKXLOG file *source***

Explanation:
This message indicates how many command-log records have been read from the indicated file.

Severity

00

CKR2060 **Abend *code-reason (stock description)* while processing record *recno* of *ddname volser dsname***

Explanation:
An abend occurred while processing the XTLST part of record *recno* of the indicated CKFREEZE file. This could cause missing information.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

8

CKR2061 **Excessive errors in TYPE=CKXLOG input; skipping rest of file *source***

Explanation:
There were already more than a threshold of five errors found in the TYPE=CKXLOG input file. The rest of the file is skipped.

Severity

16

CKR2062 **SIM SUBSYS ROSCOE RESHLQ= must be equal to ROSID**

Explanation:
In SIMULATE SUBSYS ROSCOE statements, the only allowed value of the RESHLQ parameter is ROSID. Refer to section "SIMULATE" in the *zSecure CARLa Command Reference* for a detailed description.

Severity

12

CKR2063 **Non-PADS access required to read CKXLOG data, skipping *source***

Explanation:
The program does not support scoping; that is, restricting who can see which command-log records, based on the user's scope of control. The field content is skipped.

Severity

08

CKR2064 **Unexpected short CKXLOG record *recno* in file *source***

Explanation:
An unsupported record length was found at the indicated record number. The record is skipped and processing continues until a limit is reached and CKR2061 is issued.

Severity

16

CKR2065 **Unsupported CKXLOG file format *hex* record *recno* for file *source***

Explanation:
An unsupported record format was encountered at record *recno* in the indicated file. The rest of the file is skipped.

User response:
Check whether this is actually a TYPE=CKXLOG file, and adapt allocation to not include the data set.

Severity

16

CKR2066 **Selection in restricted mode not allowed on field *field* at *ddname* line *number***

Explanation:
In restricted mode, the indicated field can be used for output only. This field cannot be used on a SELECT statement or WHERE clause of a DEFINE command.

Severity:
12

CKR2067 **ALLOC TYPE=CKXLOG ACTIVE requested but CKXLOG is not active - skipped**

Explanation:
The CKXLOG started task is not active or not returning an active log stream name. The allocation request is suppressed.

Severity

04

CKR2068 **Annotating system *system1* with complex *complex version* default *system2* because no CKFREEZE file matching *dsn or path***

Explanation

This informational message is issued when a CKXLOG record contained *system1*, no CKFREEZE was found for this system, and SIMULATE ACCESS_FALLBACK_DEFAULT was specified to direct the selection of the default system *system2* from the complex. It is only issued when a COMPLEX= parameter is present on an ALLOC TYPE=CKXLOG statement.

Severity

00

CKR2069 **Annotating system *name1* with default *name2* because no CKFREEZE file matching *ddname volser dsn***

Explanation

CKXLOG records were read that contained a system SMF ID for which there is no CKFREEZE file present in the set of input files. Because the SIMULATE ACCESS_FALLBACK_DEFAULT statement was specified, the settings from the default system are used for these CKXLOG records.

User response

No action required.

Severity

00

CKR2070 **No CKFREEZE file found for system *SMFid* in file *ddname volser dsn***

Explanation

CKXLOG records were read that contained a system SMF ID for which there is no CKFREEZE file present in the set of input files.

User response

Connect a CKFREEZE file for the indicated system. If no such CKFREEZE exists, for example, because the CKXLOG file has been modified, you can use the SIMULATE ACCESS_FALLBACK_DEFAULT statement to use settings from the default system.

Severity

08

CKR2071 **Annotating system *system* with COMPLEX/VERSION *complex1 version1* instead of *complex2 version2***

Explanation

The message warns that a COMPLEX= or VERSION= parameter was not honored for a TYPE=CKXLOG file because that would result in lookup fields being empty. Instead, the indicated database (complex and version) is used.

User response:
Verify that this is what you meant to do.

Severity

00

CKR2072 **Complex *name* used for system *smfid* records in *ddname volser dsn***

Explanation

This message is issued once for each system ID *smfid* that the user is allowed to see in each CKXLOG input file processed. The message is issued to help you understand unexpected failures. For example, when using lookups with incomplete sets of input or user-specified complex names, the message identifies which complex (RACF database) the lookup uses. In this message, the complex name is followed by the VERSION if VERSION is specified in the ALLOC command.

Severity

00

CKR2073 **Exit *exitname* continuation record *recno* is corrupt on system *systemname***

Explanation:
This message is issued when reading a multi-part system exit record from a CKFREEZE and the record

header is corrupt. This indicates that the CKFREEZE file is corrupted, resulting in incomplete exit contents.

Severity:
08

CKR2074 **Unexpected exit continuation record *recno* on system *systemname***

Explanation:
This message is issued when reading a multi-part system exit record from a CKFREEZE while the first part of the exit was not read before. This indicates that the CKFREEZE file is corrupted and the indicated record is ignored.

Severity:
08

CKR2075 **Incomplete exit *exitname* on system *systemname* before record *recno***

Explanation:
This message is issued when reading a system exit record or the first part of a multi-part system exit record from a CKFREEZE, and no record was encountered that indicates the last part of the previously stored multi-part exit (*exitname*). This indicates that the CKFREEZE file is corrupted, resulting in incomplete exit contents.

Severity:
08

CKR2076 **Unexpected record order in CKXLOG input merge found: ETOD *hex* record *recno1* in file *ddname1 source1* ETOD *hex* record *recno2* in file *ddname2 source2***

Explanation:
During the input file merge for files identified by ALLOC TYPE=CKXLOG, an unexpected sort order was found. The message identified the two records that had the unexpected order. If they are from different files, either of those files could be out of order.

Severity

04

CKR2077 **CKFREEZE for system *system* too incomplete to determine RRSF status**

Explanation:
The RRSF configuration of the system must be determined in order to properly process the CARLa commands. The CKFREEZE file for the indicated system does not contain enough information to determine the system's RRSF configuration.

User response:
Use a CKFREEZE file that is created with an zSecure Collect that runs with APF authorization, XMEM option, and FOCUS=ADMINRACF or FOCUS=AUDITRACF.

Severity

04

CKR2078 **ISPF statistics entry is corrupt for STC *sname* in *dsname volser*, system *smfid* [*version*] [-*generation*]**

Explanation:
When processing a started task's information, the ISPF statistics entry in a PDS(E) directory is found to be corrupt. Therefore, the application is unable to represent the date and time when the JCL member *dsname* for started task *sname* was either last changed or created.

User response:
Contact your system programmer to verify the ISPF statistics entry in a PDS(E) directory.

Severity

00

CKR2079 **CKFCOLL PARMLIB members due to simulated IPLPARM in *source***

Explanation:
This message shows, in continuation lines, the PARMLIB member names that will be processed because of a DEBUGSIMIPLPARM command parameter in the CKFCOLL input.

Severity

00

CKR2080 ***TTT* conversion result *CCCC HHHH nnnn* not in extent *mmmm - ooooo* for *ppp*Extent 0 range *qqqq - rrrr***

Explanation

During an attempt to convert a relative track address to an absolute track address, the CKRCCHH routine encountered an error. The error indicates that the relative track was outside extent for the OS formatted RACF database. Submit an error report to IBM Software Support.

Severity

24

CKR2081 **CKRCARLA Abend cleanup complete**

Explanation:
This WTO message is issued to mark the completion of the recovery process when program continuation is not possible. Resources have been freed and data sets are closed, unallocated, and no longer enqueued.

CKR2082 **CKRCARLA requires Z196 or higher**

Explanation:
The CKRCARLA module issues this write-to-operator message (WTO) if zSecure runs on hardware that this version does not support. This message results in return code 20.

User response:
Use a previous zSecure version that supports older hardware.

Severity:
20

CKR2083 **This version of the CARLa engine requires a z12 or higher; use CKRCARLA to call proper version**

Explanation:
A 64-bit version of the CARLa engine is called from a hardware level that is older than the minimum level that is required for the module.

User response:
Use CKRCARLA to automatically call the proper module.

Severity:
20

CKR2084 **ONLYAT options specified but system *system* does not have RRSF configured**

Explanation:
Message CKR2084 is issued together with message CKR2320 when the ONLYAT option is specified but the system does not have RRSF configured.

User response:
This is only a warning message. You can remove the ONLYAT option from the user input if it is not required for any system that is processed by this job.

Severity

04

CKR2085 **Error loading checksum related record *num* system *system* [*version*] of *source*: *message***

Explanation:
An error occurred while loading a record that contains checksums. The message is usually a result of a corruption or truncation of the indicated record; *message* shows the encountered inconsistency. The checksums are unavailable for further analysis of reporting.

Severity

20

CKR2086 **Cannot use CAST operator for *format-or-field***

Explanation:
The requested CAST operation could not be performed. The CAST operator supports fields that have a fixed internal length not greater than 4 bytes (see the LENGTH_INT field for newlist FIELD in the *zSecure CARLa Command Reference*). It can cast to the HEX and DECIMAL formats.

Severity

12

CKR2087 **BPX1PCT ZFS configuration query failed for system *name*: the file system was not started**

Explanation:
The values of the ZFS_SMF, ZFS_SMF_INTERVAL, ZFS_FORMAT_COMPRESSION, ZFS_FORMAT_ENCRYPTION, and ZFS_FORMAT_PERMS fields (TYPE=SYSTEM) are missing because a ZFS file system was not started.

User response:
Acknowledge the message and take the appropriate action if needed.

Severity:
00

CKR2088 **BPX1PCT ZFS configuration query failed for system *name*: the file system does not exist**

Explanation:
The values of the ZFS_SMF, ZFS_SMF_INTERVAL, ZFS_FORMAT_COMPRESSION, ZFS_FORMAT_ENCRYPTION, and ZFS_FORMAT_PERMS fields (TYPE=SYSTEM) are missing because no ZFS file system is defined.

User response:

Acknowledge the message and take the appropriate action if needed.

Severity:
00

CKR2089I **Selected architecture not available, redirecting to *module-name***

User response:
The minimum required hardware architecture level is not available. This message can be issued if the user selected the CKRCARLA module that exploits 64-bit virtual storage, which requires architecture level z12 or newer. The current hardware level is insufficient. Therefore, the requested code cannot run. The 31-bit virtual storage module (*module-name*) that requires a lower architecture level is used instead.

User response:
To avoid this message, change the requested hardware level in option SE.0 to default.

Severity:
00

CKR2090 **CA1 TMOSECxx result error - not found *string* in *ddname* system *system/version***

Explanation:
This suppressible message can be issued when an expected eye catcher string is not found in the in-storage CA 1 representation of the TMOSECxx member.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2091 **SIMULATE CA1OPT PSWD=*Y-or-N* has overwritten actual PSWD=*Y-or-N* for system *system/version***

Explanation:
A SIMULATE CA1OPT PSWD= statement modified the CA 1 PSWD setting. If the CA 1 setting already matches what the SIMULATE command requests, this message is not issued.

Severity

00

CKR2092 **Buffer overflow: record len *LENGTH* but free only *LEN2* byte, record skipped: *syslog_line***

Explanation:
This message documents an unexpected condition encountered during the buffering operation. The message can be suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2093 **TCP write socket error sockdesc *num* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] of port *port* of *destination***

Explanation:
This message gives diagnostic information for a potentially recoverable write failure on a TCP connection involving the socket level, for example for SYSLOGTCP.

User response:
Look for subsequent messages for the same socket number (sockdesc) to understand whether the retry was successful.

Severity

04

CKR2099 **Real time security event monitoring started [at *timestamp*]**

Explanation:
This WTO message is issued with routing code 9 to help automated operations scripts keep track of the security event monitoring. It is not issued during the hourly RESTART; the SMF feed has no gap during a restart. The SYSPRINT and SYSTERM versions have the local timestamp added at the end.

Severity

00

CKR messages from 2100 to 2199

CKR2100 **ISPF statistics entry is corrupt for *dsname*(*member*) *volser*, system *smfid* [*version*] [*-generation*]**

Explanation:
When processing a newlist type MEMBER, the ISPF statistics entry in a PDS(E) directory was found to be corrupt. Therefore, the application is unable to represent the date and time when the indicated *dsname*(*member*) was either last changed or created.

User response:
Contact your system programmer to verify the ISPF statistics entry in a PDS(E) directory for *dsname*(*member*).

Severity

00

CKR2101 **BPX*n*OPT setsockopt TCP_KEEPALIVE failed on socket *sockdesc unix error***

Explanation:
A UNIX error occurred during a setsockopt call to set the TCP KEEPALIVE socket option to the OPTION TCP_KEEPALIVE_INTERVAL value. This message can be suppressed.

User response:
See your UNIX system codes book to determine the cause and actions.

Severity

08

CKR2102 **BPX*n*OPT setsockopt SO_KEEPALIVE active failed on socket *sockdesc unix error***

Explanation:
A UNIX error occurred during a setsockopt call to request the connection to be tested periodically. This message can be suppressed.

User response:
See your UNIX system codes book to determine the cause and actions.

Severity

08

CKR2103 **Activity report interval ended at *datetime* cpu *seconds***
[Processed *number type* records]
[Still delayed *number* bytes in *number* messages to *protocol* port *number* of *dest*]
[Dropped *number* bytes in *number* messages to *protocol* port *number* of *dest*]
[Rerouted *number* bytes in *number* messages from *protocol* port *number* of *dest* to port *number* of *dest*]
[Still delayed *number* bytes in *number* messages to *protocol* port *number* of *dest*]
[Sent *number* bytes in *number* messages to *protocol* port *number* of *dest*]
[Issued *number* WTO messages]
[Issued *number* remedial commands]

Explanation:
This message is issued at the end of a reporting interval if that was requested by an OPTION ACTIVITY_REPORT_INTERVAL=*minutes* statement. It shows the local time and the CPU time that is spent in the interval (for the first reporting interval this is since the start of the restart interval). It is followed by optional detail lines for various possible types of activity; these lines are shown only if that type of activity occurred during the interval.

Severity

00

CKR2104 **Sent *number* bytes in *number* messages to *protocol* port *number* of *dest***

Explanation:
This message is issued at the end of the program or at the end of a RESTART interval. It lists the total number of bytes and messages that are sent over the indicated protocol to the indicated destination.

Severity

00

CKR2105 **Issued *number* alert WTO messages**

Explanation:
This message is issued at the end of the program or at the end of a RESTART interval. It lists the total number of (alert) WTOs that are issued.

Severity

08

CKR2106 **Issued *number* remedial commands**

Explanation:
This message issued at the end of the program or at the end of a RESTART interval. It lists the total number of commands that are generated.

Severity

00

CKR2107 **BPX*x*AIO connect failed on socket *SOCKET unix error* {Port *PORT* of *IPADDRESS* / unexpected SOCKADDRLEN=*length*]**

Explanation:
This message indicates that a UNIX error occurred during an asyncio (BPX1AIO or BPX4AIO) connect call on the indicated socket for the indicated port and IP address.

User response:
See your UNIX system codes book to determine the cause and actions.

Severity

12 or 04

CKR2108 **PRIMARY must specify exactly one address**

Explanation:
The DESTINATION statement must provide an alternate address for when a specific primary address stops responding.

User response:
Use a separate DESTINATION statement for each primary/alternate pair of addresses.

Severity

12

CKR2109 **Waiting on destination to be resolved of port *port* of *destination***

Explanation:
This is a critical eventual action operator message that is displayed on the operator console. The message is deleted and repeated once at every RESTART interval (default 60 minutes) when the output is being dropped while waiting for a connection. The *destination* is the destination string as it is passed on a SYSLOGTCP or similar parameter. The *port* can be the default port or a port that the destination string explicitly mentions.

User response

Verify the following conditions:

- The target receiver is known to the DNS resolver and listening on the port. A modification of a SYSLOG or SNMP destination in the input member, followed by /F task,RESTART might be required to resolve the issue.
- There is no firewall that blocks DNS traffic.
- There were no typing errors in the destination.

For more detailed diagnostic information, like return and reason codes, look for a message CKR3039 in the SYSPRINT of the program.

Severity

04

CKR2110 **Error loading UNIX file related record *num* system *system [version]* of *source*: *message***

Explanation:
An error occurred while loading records that describe contents of a UNIX file. An unexpected record was found in the CKFREEZE. This message is usually a result of a corruption in the indicated record. *message* shows the encountered inconsistency. The records with the related UNIX file are unavailable for further analysis and reporting.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2111 **ALTERNATE must specify exactly one address**

Explanation:
The DESTINATION statement must provide an alternate address for when a specific primary address stops responding.

User response:
Use a separate DESTINATION statement for each primary/alternate pair of addresses.

Severity

12

CKR2112 **DESTINATION *destination* did not contain a resolved *protocol* address at *ddname* line *number***

Explanation:
None of the target address that are defined in the specified destination can be reached.

Severity

12

CKR2113 **BPX*n*OPT setsockopt TCP_NODELAY active failed on socket *sockdesc unix_error***

Explanation:
A UNIX error occurred during a setsockopt call to request the connection to not delay messages. This message can be suppressed.

User response:
See your UNIX system codes book to determine the cause and actions.

Severity

08

CKR2114 **Rerouted *number* bytes in *number* messages from *protocol* port *number* of *prim-dest* to port *number* of *alt-dest***

Explanation:
This message is issued at the end of the program or at the end of a RESTART interval to list the total number of bytes and messages that are rerouted over the indicated protocol from the primary destination to the alternate destination.

Severity

00

CKR2115 **BPX*x*AIO receive on socket *number abend***

Explanation:
An abend occurred during an asyncio receive call on the indicated socket.

User response:
See *z/OS MVS System Codes* to determine the cause and actions.

Severity

12 or 04

CKR2116 **BPX*x*AIO receive failed on socket *SOCKET unix error* {Port *PORT* of *IPADDRESS* | unexpected SOCKADDRLEN=*length*]**

Explanation:
A UNIX error occurred during an asyncio (BPX1AIO or BPX4AIO) receive call on the indicated socket for the indicated port and IP address.

User response:
See your UNIX system codes publication to determine the cause and actions.

Severity

12 or 4

CKR2117 **TCP receive sockdesc*socket* failed *unix error* of port *PORT* of *IPADDRESS* at *timestamp***

Explanation:
The TCP connection monitoring receive operation returned the indicated error condition.

User response:
Ensure that the network connection gets re-established.

Severity

04

CKR2118 **Re-routing TCP traffic of port *number* of *destination* to alternate destination at *timestamp***

Explanation:
This message is issued at most once per restart interval per destination and port to indicate that a buffer was rerouted to the alternate destination that is defined for it. You can use OPTION ACTIVITY_REPORT_INTERVAL=*minutes* to see how much traffic was rerouted.

Severity

00

CKR2119 **TCP destination cannot be used as both primary and alternate address - port *number* of *destination***

Explanation:
An alternate destination IP address and port is used as both the primary destination and the alternate address. That is not supported.

Severity

12

CKR2120 ***syntax error* on *ddname* line *number***

Explanation:
The input parser encountered an unexpected service specification in an inetd daemon configuration file. The input parser skips all input until it encounters a valid end of line.

Severity

04

CKR2121 **Still *number* messages queued for *type* port *number* of *destination***

Explanation:
This message is issued at the end of a soft-end-of-file interval if there are any messages still queued for a "syslog TCP" or "alternate syslog TCP" *type* destination. This value can accumulate across several soft-EOF intervals if there is little activity while the TCP connection to the syslog destination remains down. As soon as the buffer cannot accommodate another maximum length syslog record, the currently queued messages are dropped; see message CKR2003.

Severity

00

CKR2122 **TCP_BUFFER_KB minimum is 4, before *token* "*value*" *source***

Explanation:
The specified value for OPTION TCP_BUFFER_KB must be in the range of 4 to 256. (The number is multiplied by 1024 to give the size in bytes.)

User response:
Select a value in the range 4 to 256.

Severity

12

CKR2123 **DEFTYPE OBJCLASS *objclass* contains only capital letters at *ddname* line *number***

Explanation:
The parameter of the DEFTYPE command at the given location does not contain even one lower case character. At least one lower case character is required to avoid the potential of conflicts with SAF CLASS names.

Severity

04

CKR2124 **Program and argument strings: *message***

Explanation

The *message* shows information about a problem with the internal representation of the arguments of an SSH daemon program. Information about the configuration of the SSH daemon cannot be reported.

User response:

Severity

08

CKR2125 **Unexpected inetd daemon configuration record *recordnum* of *CKFREEZE***

Explanation

More than one record describing the inetd daemon configuration on the same system was found in the CKFREEZE.

Severity

04

CKR2126 **Resident rule simulation not supported for *ACF2-release-level* on *system* [*version*]; *class*/*logonid*/*typecode***

Explanation:
The program was requested to reconstruct a resource rule directory from database records, mapping the indicated general resource *class* and the MUSASS that runs under the indicated *logonid* to the indicated *typecode*. This functionality is not supported for ACF2 releases older than R16.

User response:
This message is for information only.

Severity

00

CKR2127 **Search for *class*/*logonid* to be mapped to *typecode* returns existing map to *typecode2* on *system* [*version*]**

Explanation:
The program was requested to associate the indicated general resource *class*, as used by the MUSASS that

runs under the indicated *logonid*, with the indicated *typecode*. The program found that an association already exists between the indicated *class* and *logonid* and a different typecode. This is not supported.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR2128 ***Class/logonid* reuses pre-existing mapping for *MUSASSmask* to *typecode* on *system* [*version*]**

Explanation

The program was requested to associate the indicated general resource *class*, as used by the MUSASS running under the indicated *logonid*, with the indicated *typecode*. The program found that an association already exists between the indicated *class* and *typecode* and a MUSASS mask matching the specified *logonid*. The program reuses the pre-existing data, rather than recreating a resident resource rule directory from database records.

User response:
This message is for information only.

Severity

00

CKR2129 **LIKELIST cannot refer to a RACF newlist with a FLATTEN parameter - before *token source***

Explanation:
This message indicates that the newlist referred to in the LIKELIST parameter uses the FLATTEN parameter, which is not allowed.

Severity

12

CKR2130 **Trigger format is nn+xx - *token* "*value*" *source***

Explanation:
Specifying a trigger within a DEBUG TRIGGER(F(...)) clause must be done as *nn+xx* where *nn* (decimal) is an F-flag byte number and *xx* (hexadecimal) is a mask specification of bits to turn on within this byte.

Severity

12

CKR2134 **Error loading IOA environment related record *num* system *system [version]* of *source:message***

Explanation:
An error occurred during loading of records that describe a BMC INCONTROL IOA environment. This message is usually the result of a corruption in the indicated record. *message* shows the inconsistency that was encountered. Depending on the severity of the problem, either individual or groups of BMC IOA records are unavailable for further analysis and reporting.

Severity

04

CKR2135 **System *system* ignores DSN result longer than 44 - *dsname_pattern***

Explanation:
Informational message that indicates that the parmlib members that are being processed include a data set name pattern specification that resolved to a length larger than 44 with the system symbol values in the indicated system. During IPL, that would give an ASA010I message. The data set name is ignored, just like z/OS ignores it.

Severity

00

CKR2137 **DEFTYPE GENERATE_FIELD *field* is not supported**

Explanation:
The provided GENERATE_FIELD parameter on the DEFTYPE command is not supported. To expand a NEWLIST TYPE=*deftype* report with GENERATE_FIELD, use one of the following values for the *field* parameter: VER, COMPLEX, or SYSTEM.

Severity

12

CKR2138 **Profile length mismatch: *profile class segment* at *ddname* record *nnnnn*, originally DB seq *i* RBA *hexnum* for complex *complex***

Explanation:
This message indicates a mismatch between RACF profile length and profile data offsets/lengths that refer to various sections of the profile data record. This might happen, for example, when records in the

UNLOAD being processed were truncated (see also a CKR0006 message). This message is suppressible.

Severity

20

CKR2139 **Too many values before number "*value*" at *source***

Explanation:
While parsing a PROG*xx* system parameter member, the program encountered a list of numeric values that is too long. Therefore, it does not correspond with the specifications.

Severity:
04

CKR2140 ***x* is invalid before *token* "*value*" at *source***

Explanation:
While parsing a PROG*xx* system parameter member, the program encountered an invalid numeric value suffix (*x*). Only K (kilobytes) and M (megabytes) suffixes are recognized.

Severity:
04

CKR2141

Explanation:

System action:

User response:

Severity:
12

CKR2142 **Invalid Unit Of Work ID '*unit-of-work-ID*' at *source***

Explanation:
A CARLa script includes a unit-of-work ID specification that is not valid.

User response:
Adjust the appropriate CARLa script (see *source*) to supply a valid unit-of-work ID specification. A unit-of-work ID consists of a netname (1 to 8 characters), a dot (.), an LU name (1 to 8 characters), a dot (.), and a 6-byte hex part of 12 characters. The maximum length is 30.

Severity:
12

CKR2143 **Catalog entries disagree on volume chain for file *volser data-set-name* volume *vol2***

Explanation

There is a conflict in the non-VSAM tape catalog entries regarding the names and order of data sets in the file and volume sequences, in a potentially multi-file and multi-volume tape volume chain. It could be caused by two tape data set catalog entries that show a partially overlapping set of volumes. The catalog entry for this volume is ignored, and the information from another catalog record is used instead. The second volume (*vol2*) is one of the earlier volumes in the volume chain that already exists. It could be the first volume of a conflicting catalog entry or the previous volume, or any volume in between.

Severity:
8

CKR2144 **Probable ownership loop for ID *id* in complex *complex* [*version*]**

Explanation:
An attempt to travel up the group ownership tree still has not ended after 4096 attempts.

User response:
Run VERIFY GROUPTREE (available under AU.V) to find the exact problem and fix the RACF database.

Severity:
20

CKR2145 **Modified jobtag *sys jobname reader-date reader-time* from terminal *oldterminal* to *newLU* based on SMF 80**

Explanation:
This message is issued in response to SMFCACHE VERBOSE to track when a job tag gets modified because a TSO reconnect changed the current terminal or VTAM LU name.

Severity:
00

CKR2146 **Invalid DSN specification: '*dsn*' before *token* at *ddname* line *number***

Explanation:
While parsing LPALST*xx* or LNKLST*xx* system configuration member, the program encountered an invalid data set name *dsn*.

User response:
Correct the data set name as indicated by the message.

Severity:
04

CKR2147 **Type=*maintype* input pre-selection active**

Explanation:
This informational message indicates that a performance optimization is active that preselects TYPE=*maintype* input records before they are passed to the access control simulation engine. As a consequence, the number of records that are reported in message CKR1137 for *maintype* is not the full number, but the number after preselection. The full number of records is shown in message CKR2154.

Severity:
00

CKR2148 **Type=*maintype* derived input pre-selection**

Explanation:
The analysis of the TYPE=*maintype* selection and exclusion statements showed that a partial selection can be done early. An early partial selection is done before access simulation, which can save CPU time, especially if access lists are long. Only selections on COMPLEX, SYSTEM, VER, DSN, VOLSER, SENSTYPE, and PRIV_SENSTYPE, or their aliases (if they exist in the newlist type), can reduce resource usage.
If all of the SELECT and EXCLUDE statements can completely be evaluated early, message CKR2147 is issued instead.

Severity:
00

CKR2149 **Type=*maintype* input pre-selection for type=*deptype***

Explanation:
The analysis of the TYPE=*deptype* selection and exclusion statements showed that a partial selection can be done early when processing TYPE=*maintype* input records. An early partial selection is done before access simulation, which can save CPU time. Only selections on COMPLEX, SYSTEM.VER, DSN, VOLSER, SENSTYPE, and PRIV_SENSTYPE, or their aliases (if they exist in the newlist type), can reduce resource usage.

Severity:
00

CKR2150 **CKRVCONF: sharing info missing for *volser* on system *system***

Explanation

This message indicates that an internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2151 **WRAP layout not well-defined because column length 0 and not the last in line or column floating - field *field source***

Explanation:
This warning message indicates that the WRAP output modifier was used in combination with an overriding length of zero for a column not last in line, or where another column with overriding length 0 (that is, variable length) was present on the line. Since the purpose of *field*(WRAP,0) is to fill up the rest of the output line, this is only well-defined for the last column in a line. For expediency reasons, this is allowed for printed output in the current release; the layout of the report might change in the future.

User response

Adapt the query. For example, add a / (forward slash is newline operator) before the *field*(WRAP,0) specification to force the *field* to the first position of the next line. Alternatively, you can specify `OPTION MSGRC=(2151,0)` to reduce the warning to an informational message. For more information, see the OPTION statement in the *zSecure CARLa Command Reference*.

Severity

04 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2152 **Type=*maintype* input no pre-selection**

Explanation

This informational message indicates that performance optimization cannot be done for TYPE=*maintype* and, if a dependent newlist type exists, dependent TYPE=*deptype* records. Performance optimization is not done if either of the following conditions exist:

- Any of the SELECT or EXCLUDE statements for TYPE=*maintype* or TYPE=*deptype* contains a field other than COMPLEX, SYSTEM, VER, DSN, VOLSER, SENSTYPE, PRIV_SENSTYPE, or their aliases (if they exist in the newlist type).
- A SELECT or EXCLUDE statement is not present.

  Note: When full performance optimization cannot be performed, partial selection might be available that saves significant CPU time. See the explanations for message CKR2148 and CKR2149.

Severity:
00

CKR2153 ***num1 maintype* input *objecttypes* reduced by pre-select to *num2* before access analysis (reduction *nn*%)**

Explanation

This message is issued if any form of pre-selection is active for processing TYPE=*maintype* records. These messages show how much pre-selection reduced the number of objects of the indicated type that are to be analyzed for access lists and TYPE=*maintype* newlist processing:

- *num1* shows the number of *maintype* records that were considered. When analyzing multiple systems, this can be the occurrences per system or complex.
- *num2* shows the number of objects that are left after pre-selection. This number is what is to serve as the basis of CKR1137 messages further down for the main and dependent newlist types.

To understand the form of pre-selection, see messages CKR2147, CKR2148, CKR2149, and CKR2152. If no pre-selection was done, message CKR2471 is issued.

Severity:
00

CKR2154 ***n1 maintype* input *objecttypes* processed, *n2* selected (*nn*%)**

Explanation:
This message indicates the number of *maintype* input objects of the indicated type that were selected. This does not necessarily correspond to the count of records in the newlist type mentioned. For example, these might be data sets as they are viewed from a system, or SAF classes pre-selected for trust relations. Message CKR1137 can count individual catalog entries for these data sets, or the actual trust relations.

Severity:
00

CKR2155 **PERMISSIONS of PREVENT not supported in list**

Explanation:
When selecting on ACF2 permissions, you can either give one permission or a list of permissions with an optional ALLOW or LOG, or select on one permission where the action includes PREVENT. In other words: PREVENT is not allowed when starting the selection with a parenthesis to start a list.

User response:
Modify the selection clause.

Severity:
12

CKR2156 **No storage left for COMMON_PREFIX, processing SUMA *address* prefix length *length* prefix *prefix***

Explanation:
An out of storage condition occurred while processing a COMMON_PREFIX (or CPRX) modifier. Summary processing at this level stops; even if the message is suppressed.

Severity

08

CKR2157 **No storage left for COMMON_PREFIX work buffer, processing SUMA *address* prefix length *length* prefix *prefix***

Explanation:
An out of storage condition occurred while processing a COMMON_PREFIX (or CPRX) modifier. Summary processing at this level stops; even if the message is suppressed.

Severity

08

CKR2158 **RACF backup data set does not exist. Fall back to primary.**

Explanation:
An ALLOC command with keyword BACKUP was specified, but the system does not have a RACF backup database defined. The primary RACF database is used instead.

Severity

04

CKR2159 **RACF backup data set *dsn* not active. Fall back to primary**

Explanation:
An ALLOC command with keywords BACKUP or BACKUP ACTIVE was specified, but the indicated RACF backup data set was inactive because of an RVARY INACTIVE command. The primary RACF database is used instead.

Severity

04

CKR2160 **No systems found matching *zsecparm* in ALLOC command at dd *ddname* line *number***

Explanation:
The ZSECNODE or ZSECSYS specification on *zsecparm* was used on the indicated ALLOC command.
No systems defined on the local zSecure Server match this specification. Use the CKNSERVE primary command to see zsecnodes and zsecsystems defined on the local zSecure Server.

Severity

12

CKR2161 **System *zsecsys* in node *zsecnode* is inactive. Attempting to reconnect.**

Explanation:
The indicated system is selected by a ZSECSYS specification on an ALLOC command. The system appears to be inactive to the local zSecure Server
An attempt is made to rebuild a connection. If the reconnection attempt fails, a CKN036I message is shown.

Severity

00

CKR2162 **No active systems found in node *zsecnode*. Attempting to reconnect with system *zsecsys*.**

Explanation:
The indicated node is selected by a ZSECNODE or ZSECSYS specification on an ALLOC command. All systems in the node appear to be inactive to the local zSecure Server. An attempt is made to rebuild a connection to the indicated system. If the reconnection attempt fails, a CKN036I message is shown.

Severity

00

CKR2163 **No active systems found in node *zsecnode*. Excluding node from ALLOC command at *ddname* line *number***

Explanation:
A ZSECNODE or ZSECSYS specification on the indicated ALLOC command selected the indicated node. A value of asterisk (*) was used, which selects active systems only. All systems in the node appear to be inactive to the local zSecure Server. The node's data is excluded from the report. Use the CKNSERVE primary command to see the status of the server connections.

Severity

04

CKR2164 **System zsecsys in node *zsecnode* is inactive. Excluding system from ALLOC command at *ddname* line *number***

Explanation:
The indicated system is selected by a ZSECNODE or ZSECSYS specification on the indicated ALLOC command. The system appears to be inactive to the local zSecure Server. The system's data is excluded from the report. Use the CKNSERVE primary command to see the status of the server connection.

Severity

04

CKR2165 **ISPF variable not allowed here**

Explanation:
An ISPF variable is not allowed when defining quote triggers or replacement characters strings.

Severity

12

CKR2166 **String to be replaced cannot be empty**

Explanation:
For the REPLACE_CHAR and QUOTE_REPLACE_CHAR print options, the string to be replaced (that is, the first in a replacement pair) must not be empty.

Severity

12

CKR2167 **CKRCFV: Unexpected order for record *number* type *type subtype* system *system* [*version*] of *source***

Explanation:
An unexpected order for records was found in the CKFREEZE. Results are unpredictable.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR2168 **QUOTE_TRIGGER character "X" unsupported, must have length 1 in UTF8**

Explanation:
The quote trigger character cannot be used since it must be only one byte in length in both EBCDIC and UTF8.

Severity

12

CKR2169 **Too many DA/GR-based lookup fields**

Explanation:
An internal limit has been reached on the number of lookup fields for an object.

User response:
Reduce the number of lookups or see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR2170 **Too many TLUV-based lookup fields - at *targetfield***

Explanation:
An internal limit has been reached on the number of lookup fields for an object.

User response:
Reduce the number of lookups or see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

CKR2171 **At newlist type=*type* selected *num1* of *num2***

Explanation:
This message identifies the newlist type that was being created when a storage shortage or attention interrupt occurred while building output records for this newlist type. This message can help to determine how far along the program was in processing the objects in the newlist type when the storage shortage occurred. A message CKR2172 will sometimes precede this message to show which specific newlist was being processed.
num1 is the number of records selected before the interrupt.
num2 is the number of records processed before the interrupt.

Severity

00

CKR2172 **At newlist name=*name* selected *number***

Explanation:
This message identifies the newlist that was being processed when a storage shortage or attention interrupt occurred while storing this part of the output. This message can help to determine how far along the program was when the storage shortage occurred. This message is often followed by a CKR2171 to list the newlist type being processed.
number is the number of records processed before the interrupt.

Severity

00

CKR2173 **CKDS key label ambiguous type *type1* and *type2* for *label system* [*version*], record *recno source***

Explanation:
A key type that requires unique key labels was found to have a duplicate definition in the CKDS. The invalid duplicate is not added to the newlist type output. Key types that must have a unique label are DATA, DATAM, DATAMV, DATAXLAT, MAC, MACVER, and NULL.

User response:
Resolve the duplicate definition in CKDS.

Severity:
08

CKR2174 **DEFSENS *sensitivity* CONCERN='*concern*' PRIO=*prio2* but already PRIO=*prio1 source1 - source2***

Explanation

The audit concern priority assigned to an audit concern associated with a sensitivity / risk level combination must be unique. The specification on this DEFSENS statement is in conflict with a prior DEFSENS statement.

User response

Correct the sensitivity name or adjust one of the priorities.

Severity

12

CKR2175 **Duplicate priority PRIO=*prio2* for ID=*id* already PRIO=*prio1 source1 - source2***

Explanation

The audit concern ID referenced on this DEFSENS statement has already been assigned a different priority.

User response

Use different audit concern IDs for audit concerns with different priorities.

Severity

12

CKR2176 **DEFSENS *sensitivity* CONCERN=*'concern'* PRIO=*prio2* but already PRIO=*prio1 source1 - source2***

Explanation

The audit concern priority assigned to an audit concern associated with a sensitivity / risk level combination must be unique. The specification on this DEFSENS statement is in conflict with a prior DEFSENS statement. Note that neither DEFSENS statement specified a CLASS= or RESOURCE_TYPE keyword, and thus specifies the default for all classes that do not have a more specific assignment for this sensitivity / risk level combination.

User response

Correct the sensitivity name or decide which DEFSENS statement to remove.

Severity

12

CKR2177 **DEFSENS *sensitivity* CONCERN=*'concern'* PRIO=*prio2* but already PRIO=*prio1 source1 - source2***

Explanation

The audit concern priority assigned to an audit concern associated with a sensitivity / risk level combination must be unique. The specification on this DEFSENS statement is in conflict with a prior DEFSENS statement. Note that both statement carry CLASS (or RESOURCE_TYPE) specifications.

User response

If you want to distinguish priorities for the same sensitivity and risk level, vary the audit concern strings. Otherwise, adjust one of the sensitivities or priorities.

Severity

12

CKR2178 **DEFSENS *sensitivity* CONCERN='*concern2*' CLASS=*class source2* but already defined as CONCERN='*concern1*' *source1***

Explanation

The audit concern assigned to a sensitivity / risk level combination for a particular class must be unique. The specification on this DEFSENS statement is in conflict with a prior DEFSENS statement. This error is issued only once for a DEFSENS statement; the issue might apply to more classes than shown.

User response

If you meant to assign a different audit concern for the same sensitivity and risk level to a particular class, adjust the CLASS or RESOURCE_TYPE keywords of the DEFSENS statements. Otherwise, correct the sensitivity name.

Severity

12

CKR2179 **DEFSENS *sensitivity* CONCERN='*concern2*' *source2* but already defined as CONCERN='*concern1*' *source1***

Explanation

The audit concern assigned to a sensitivity / risk level combination for a particular class must be unique. The specification on this DEFSENS statement is in conflict with a prior DEFSENS statement. Note that neither DEFSENS statement specified a CLASS= or

RESOURCE_TYPE keyword, and thus specifies the default for all classes that do not have a more specific assignment for this sensitivity.

User response

If you meant to assign a different audit concern for the same sensitivity and risk level to a particular class, add a CLASS or RESOURCE_TYPE keyword to the appropriate DEFSENS statement. Otherwise, correct the sensitivity name or remove the spurious DEFSENS statement.

Severity

12

CKR2180 **DEFSENS requires ACCESS= keyword, before *token* "*value*" *source***

Explanation

A single DEFSENS statement defines the properties of a combination of a sensitivity (=object type) and a risk access level (ACCESS=). The ACCESS level is required.

User response

Correct or remove the DEFSENS statement.

Severity

12

CKR2181 **Duplicate concern id *id* first defined *source1 - source2***

Explanation

The audit concern id referenced on this DEFSENS statement has already been assigned a different audit concern text.

User response

If the id was reused on purpose, correct the audit concerns so that they are identical; otherwise assign a different id to one of the audit concerns.

Severity

12

CKR2182 **Duplicate concern id *id* first defined *source1 - source2***

Explanation

The audit concern id assigned to the CONCERN on this SIMULATE statement is already assigned to another audit concern.

User response

If the id was reused on purpose, correct the audit concerns so that they are identical; otherwise assign a different id to one of the audit concerns.

Severity

12

CKR2183 **SIMULATE CLASS/RESTYPE requires RESOURCE, before *token* "*value*" *source***

Explanation

The SIMULATE CLASS or SIMULATE RESOURCE_TYPE command is used to specify resources as sensitive. Without the RESOURCE keyword it has no effect.

User response

Correct or remove the SIMULATE statement. To specify properties for a particular SENSITIVITY without identifying the resources at the same time, use the DEFSENS statement.

Severity

12

CKR2184 **SIMULATE SENSITIVITY=*sensitivity* CONCERN=*'concern'* PRIO=*prio2* but already PRIO=*prio1 source1 - source2***

Explanation

The audit concern priority assigned to an audit concern associated with a sensitivity / risk level combination must be unique. The specification on this SIMULATE statement is in conflict with a prior DEFSENS or SIMULATE statement.

User response

Correct the sensitivity name or adjust one of the priorities.

Severity

12

CKR2185 **Duplicate priority PRIO=*prio2* for ID=*id* already PRIO=*prio1 source1 - source2***

Explanation

The audit concern ID referenced on this SIMULATE statement has already been assigned a different priority.

User response

Use different audit concern IDs for audit concerns with different priorities.

Severity

12

CKR2186 **SIMULATE CLASS=*class* SENSITIVITY=*sensitivity* PRIO=*prio2* but already PRIO=*prio1 source1 - source2***

Explanation

The audit concern priority specified on this SIMULATE CLASS statement is in conflict with a prior DEFSENS statement.

User response

If you want to distinguish priorities for the same sensitivity for different classes, vary the audit concern strings. Otherwise, adjust one of the sensitivities or priorities.

Severity

12

CKR2187 **SIMULATE CLASS=*class* SENSITIVITY=*sensitivity* CONCERN='*concern2*' *source2* but already defined as CONCERN='*concern1*' *source1***

Explanation

The audit concern assigned to a sensitivity / risk level combination for a particular class must be unique. The specification on this SIMULATE statement is in conflict with a prior DEFSENS statement.

User response

If you meant to assign a different audit concern for the same sensitivity and risk level to a particular class, adjust the CLASS or RESOURCE_TYPE keywords. Otherwise, correct the sensitivity name.

Severity

12

CKR2188 **Predefined sensitivity is mutually exclusive with ACCESS/CONCERN/PRIO/ID before *token* "*value*" *source***

Explanation

If you use a predefined sensitivity on the SENSITIVITY= *keyword*, the risk access level and audit concern id, priority, and text are implied.

User response

Remove these keywords from the SIMULATE statement.

Severity

12

CKR2189 **CKRCFD: Unexpected order for record *number* type *type subtype* system *system* [*version*] of *source***

Explanation:
An unexpected order for records was found in the CKFREEZE. Results are unpredictable.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

CKR2190 **Duplicate NJE node name *name* in subsystem *subs* system *system* [*version*]**

Explanation:
There is an unexpected duplicate node name within the node definitions in one JES subsystem.

Severity

20

CKR2191 **CERTUSAG value must be PERSONAL, SITE, or CERTAUTH - "*value*" *source***

Explanation:
The CERTUSAG field can have only one of the following values: PERSONAL, SITE, or CERTAUTH.

User response:
Specify a valid value on the select statement.

Severity

12

CKR2192 **Parameter *option* must contain exactly one single-byte character *source***

Explanation:
This message notes that the indicated parameter supports only one character that consist of a single byte.

User response:
Select a single byte character for the indicated parameter.

Severity

12

CKR2193 **Parameter *option* mutually exclusive with HEADER other than NO/PREFIX *source***

Explanation:
This message notes that the indicated parameter is forbidden with format prescribing headers such as HEADER=LEEF, CEF, CSV, TSOCMD.

User response:
Use HEADER=NO or HEADER=PREFIX to customize this parameter, or use one of the standard HEADER specifications without further customization.

Severity

12

CKR2194 **Access denied by ACF2: *msg***

Explanation:
This message indicates that the program was using the ACF2 alteration SVC to read records from the logon id database. During this process, it received return code 4 from ACF2 (indicating that the request was denied), accompanied by a message that provides more details. The text of that message is reproduced here.

Severity

04

CKR2195 **Maximum number of common prefix modifiers on a level is *maximum*; *number* requested - *chainaddr fieldname source***

Explanation:
There is an architectural limit to the number of fields with a COMMON_PREFIX (or CPFX) modifier (on a particular display level).
chainaddr can be relevant information for IBM Software Support specialists.
fieldname is the name of the first field that belongs to this display level. This field might not have a common_prefix modifier itself.
source identifies the location in the CARLa input, where the first field that belongs to this level was defined to identify the level involved.

User response:
Reduce the number of fields with a common prefix modifier (within a single summary or display level within a particular newlist).

Severity

12

CKR2196 **Need to specify *type*:ASSERT to select which type of objects to assert for merged domain *domain source1* in test *name source2***

Explanation:
This message indicates that you must clarify what the newlist type is of the object for which an assertion is necessary. The syntax TEST *name* ASSERT can only be used for single-type domains, not for a domain merge that, by definition, covers multiple newlist types to be merged. So for this rule with a domain merge, you must include the domain newlist type before the word ASSERT.

User response:
Specify the test as TEST *name type*:ASSERT

Severity:
12

CKR2197 **Newlist type not supported in compliance rule domains - *type***

Explanation:
This message is issued for `NEWLIST TYPE ASSERT`, `NEWLIST`, `COMPLIANCE`, `COMPLIANCE_RULE_SET`, `COMPLIANCE_OBJECT_TYPE`, `TYPE`, `CONCERN_TEXT`, `FIELD`, or `FIELD_OVERRIDE` to indicate that these types are not allowed in a rule domain.

User response:

Make your report in a different way.

Severity:
12

CKR2198 **ASSERT and OTHERWISE are mutually exclusive - TEST *name source***

Explanation:
This message indicates that you cannot combine OTHERWISE with ASSERT on a TEST statement. However, it is possible to use ASSERT in a test inside the OTHERWISE clause, like in `TEST ... OTHERWISE(TEST name ASSERT)`

User response:
Remove either ASSERT or OTHERWISE from the TEST *name source* statement.

Severity:
12

CKR2199 ***file* system *system* [*version*] no ALLOC F=MAIN complex, adding complex "*complex*"**

Explanation

This message indicates that no FUNCTION=MAIN ALLOC statement was found for a security database and that zSecure will continue to work with an "empty" complex (without security database) for the indicated system. The complex name is not guaranteed to be unique.

User response:
If you mean something else, add an ALLOC statement with appropriate FUNCTION=, COMPLEX=, and VERSION= parameters.

Severity

00

CKR messages from 2200 to 2299

CKR2200 **Input open *type* abend *code-reason* (*stock description*) *file description***

Explanation

This message indicates a failure to open an input file. A stock description is printed for the most common abend codes. You can look up the abend code and reason code or look in the job log for an associated IEC, ICH, or IRR message.

The file description shows the file name and a data set name or UNIX path name, or indicates that *file description* is a remote file or storage buffer.

Severity

16

CKR2201 **Located *dsn* as *realdsn* on *volume***

Explanation

This message indicates that a data set name passed by the user was actually an alias name. The real data set name and volume serial are shown. For further processing, the alias name is replaced by the real data set name.

Severity

00

CKR2202 **Conflicting jobname *jobname1* found for ASID *asid*. Jobname *jobname2* was previously defined for the same ASID.**

Explanation

A conflicting job name has been found while processing address space information. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

You can either suppress this message (SUP MSG=2202) or use `OPTION MSGRC=(2202,rc)` to reduce the severity to an informational or warning level.

Severity

08 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2203 **Nested OTHERWISE test incompatible with type=count test - before *token* "*value*" *source***

Explanation

A TEST for a compliance STANDARD command of the form *type=count* specified an OTHERWISE clause with a nested test. This combination is not supported.

User response:
Specify the desired compliance tests in a different order.

Severity

12

CKR2204 **Missing STANDARD name on SITE_SEVERITY *source*.**

Explanation

When specifying a RULE or RULE_SET name, you must also identify the STANDARD name using the STANDARD() keyword. RULE and RULE_SET names are only unique within a standard.

User response

Add STANDARD parameter.

Severity

12

CKR2205 **Duplicate SITE_SEVERITY statement *source*, also *source2*.**

Explanation

The rule, rule set, standard, complex, or system was also identified in another SITE_SEVERITY statement.

User response

Change or delete one of the SITE_SEVERITY statements.

Severity

12

CKR2206 **Specify either COMPLEX or STANDARD with RULE or RULE_SET *source*.**

Explanation

The SITE_SEVERITY statement has two mutually exclusive forms; either you overrule a rule (set) severity, or you assign a higher or lower importance for a security database (complex).

User response

Split the SITE_SEVERITY statement into two SITE_SEVERITY statements, or add a RULE or RULE_SET parameter behind STANDARD.

Severity

12

CKR2207 **SITE_SEVERITY STANDARD *name* not found *source*.**

Explanation

A SITE_SEVERITY statement refers to a standard name that was not found. Keep in mind that standard names are case sensitive.

User response

Check the spelling of the standard name.

Severity

04

CKR2208 **SITE_SEVERITY RULE_SET "*name*" not found *source***

Explanation

A SITE_SEVERITY statement was found referring to a rule set that was not in any of the imbedded standards. This can be a typing error or the standard was intentionally omitted in this run.

User response:
If the standard was not intentionally omitted, add the standard or correct the typing error.

Severity

04

CKR2209 **SITE_SEVERITY RULE "*name*" not found *source***

Explanation

A SITE_SEVERITY statement was found referring to a rule that was not in any of the imbedded standards. This can be a typing error or the standard was intentionally omitted in this run.

User response:
If the standard was not intentionally omitted, add the standard or correct the typing error.

Severity

04

CKR2210 **Id *userid*: Nesting level depth exceeded for XSGP *source group* in *complex[version]***

Explanation

ACF2 cross-reference source group records support a maximum of 25 nesting levels. The record identified in this message exceeds this maximum. Further processing for this record is aborted.

Severity

20

CKR2211 **N/A test not supported behind OTHERWISE - *testsource***

Explanation

A TEST N/A statement cannot be part of a TEST OTHERWISE chain.

User response:
Put each N/A TEST in its own rule.

Severity

12

CKR2212 **N/A not supported for type=*type* because not SYSTEM or COMPLEX based - *test source***

Explanation

The TEST N/A feature defines to which systems and complexes a rule set is applicable. The indicated newlist type does not have the SYSTEM or COMPLEX field as part of the key and hence cannot influence applicability of the rule set to a system or complex.

User response:
Use a different domain newlist type or use the RULE EXEMPT clause instead of TEST N/A.

Severity

12

CKR2213 **N/A tests and non-N/A tests cannot be in same rule *name source***

Explanation

A rule cannot have a mixture of TEST N/A statements and other TEST statements. This is because rules that determine non-applicability of systems or complexes must all be evaluated first, before any other test from any rule set is done.

User response:
To combine TEST N/A and normal TESTs in a rule set, you must assign them to a different rule name. They can be part of the same rule set.

Severity

12

CKR2214 **N/A test not supported for count test without SUMMARY on the DOMAIN - *test source***

Explanation

The TEST N/A feature defines to which systems and complexes a rule set is applicable. When you test the count of records for a newlist without doing a SUMMARY on SYSTEM or COMPLEX (or both), there is no way to attribute that to a speciifc system or complex.

User response:
Add a SUMMARY(SYSTEM COMPLEX VER COUNT) or a SUMMARY(COMPLEX VER COUNT) clause to the DOMAIN specification for the RULE DOMAIN.

Severity

12

CKR2215 **Rule set *setname* at *ddname1* line *number1* already defined at *ddname2* line *number2* in standard *stdname* VER(*version*)**

Explanation

A RULE_SET must have a unique name within the STANDARD version.

User response:
Change one of the names of the two rule sets with the same name in the specified standard.

Severity

12

CKR2216 **Inconsistent CONCERN for sensitivity "*senstype*" ACCESS=*risk* ignored**

Explanation

This message is issued if multiple concern texts are generated for the combination of a sensitivity type and risk level. Only one concern text is stored. This message is expected to be very rare; normally a message CKR2386 is issued instead.

User response

Review your SIMULATE CLASS commands, and define a unique sensitivity type / access level combination to every concern text. If no SIMULATE CLASS command is involved, see the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2217 **Invalid value *value* for format *format* field *field* at *file* line *number***

Explanation

An invalid value was specified for field *field* with format *format* in a SELECT or EXCLUDE command. Valid format values are documented in "SELECT and EXCLUDE for NEWLIST TYPE=RACF" in the *zSecure CARLa Command Reference*.

Severity

12

CKR2218 **CKFCOLL parameters for *source***

Explanation

This message is issued in response to a SHOW CKFIN command and shows, for each CKFREEZE data set, the input parameters to CKFCOLL in subsequent lines.

Severity

00

CKR2219 **CKFCOLL messages for *system*[*version*] in *source***

Explanation

This message is issued in response to a SHOW CKFMSG command and shows, for each CKFREEZE data set, the messages issued by CKFCOLL in subsequent lines.

Severity

00

CKR2220 **CKFREEZE created on system without type=*type* entitlement - *source***

Explanation

This message is issued when a CARLa script requests newlist types that were *not* entitled on the system where a snapshot was taken with CKFCOLL.

User response:
Do not try to run non-entitled reports, or extend the entitlement for the system where the CKFCOLL program was run to take a snapshot, and run CKFCOLL again there.

Severity

16

CKR2221 **Cannot open site banner file *ddname volser dsname***

Explanation

This message indicates that the site-defined USS table banner file specified by the SITE_BANNER option cannot be opened. Check whether the file is correctly allocated, and whether the member exists.

Severity

16

CKR2222 **A member name is required to read from file *ddname volser dsname***

Explanation

A SITE_BANNER option was present referring to a PDS(E) data set, but the member to be read from that data set was not specified. Add the correct member to the SITE_BANNER option and resubmit the query.

Severity

16

CKR2223 **Concat number *nnn* of MSTR ddname *ddname* system *smfid* [*version*] larger than supported maximum 127**

Explanation

The CKRCARLA program does not support more than 127 data sets in a MSTR ddname IEFPDSI or IEFJOBS concatenation.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR2224 **APF data set *dsn* marked SMS in VTOC for volume *volser* but volume not SMS managed on system *system version*; members might be missing in report**

Explanation

This message is issued if the CKFREEZE file marked a data set as non APF because the volume is not SMS managed. However, the data set is considered APF authorized after all, because it is not the volume SMS status but a bit in the format 1/8 DSCB that determines APF status. To improve analysis of older CKFREEZE files, CKRCARLA considers the data set as APF authorized. Because of the incorrect use of the volume status, the PDS directory was not automatically dumped in the CKFREEZE. As a result, the R_AC1, R_PGM, R_PADS newlists might be incomplete.

This message is issued only if load module analysis is required for the CARLa query, and DEBUG APF was specified.

Severity

04

CKR2225 **Requested report requires CKFREEZE file for system *smfid* [*version*]**

Explanation

This message indicates that a VERIFY or NEWLIST was requested, but no CKFREEZE was connected for the indicated system. This message is suppressible, but if you suppress the message, the results are unpredictable.

User response:
Rerun with appropriate CFREEZE files allocated.

Severity

16

CKR2226 **CKFREEZE *smfid* [*version*] too incomplete for requested report - *source***

Explanation

This message indicates that a VERIFY or NEWLIST was requested, but the available CKFREEZE for the indicated system was restricted in content such that the VERIFY or NEWLIST has insufficient information. The version comes from the `ALLOC VERSION` keyword. The generation is visible if this is not about the most recent CKFREEZE for a system id. For example, generation -1 means the last CKFREEZE before the most recent one.

This message is suppressible, but if you suppress the message, the results are unpredictable. The message is followed by an indication of which CKFCOLL options caused the incomplete information. If the option is preceded by `'shr'` it means that, within a VERSION, there was no SHARED=Y CKFREEZE file found with a sufficient option. For example, `'shr CAT<>YES'` means there was no SHARED=Y,CAT=Y CKFREEZE allocated that can be used to see what is in the catalogs.

The severity of the message is 4 if only a tape catalog was missing, to enable an analysis for DASD only. However, running a VERIFY NOTEMPTY might then generate commands to remove profiles that cover uncataloged tape data sets.

User response:
Create CKFREEZE files with appropriate content (not specifying the options indicated) for the VERIFY function needed and rerun with those CFREEZE files allocated. If all DASD is shared between members in a sysplex, then it is sufficient to have one SHARED=Y CKFREEZE file, and the rest can be SHARED=N.

Severity

16 or 4

CKR2227 **COMPLIANT, NONCOMPLIANT, N/A and ASSERT are mutually exclusive - *test source***

Explanation

TEST N/A defines to which systems and complexes a rule set applies, while TEST ASSERT indicates that a

manual assertion is needed. `TEST COMPLIANT` and `TEST NONCOMPLIANT` explicitly define a result as compliant or noncompliant. These test features are mutually exclusive.

User response

To combine TEST N/A and normal TESTs in a rule set, you must assign them to a different rule name. They can be part of the same rule set. Assertions must be put in a separate TEST statement.

Severity

12

CKR2228 **DDNAME=*ddname* not allowed for e-mail. DDNAME=C2REMAIL required.**

Explanation

A *ddname* different than C2REMAIL is specified, using the MAILTO option. Use C2REMAIL instead.

Severity

12

CKR2229 **SUMMARY cannot be combined with merge, domain *domain source***

Explanation

This message indicates that it is not possible to combine SUMMARY on the DOMAIN with multiple newlist types on the SELECT parameter.

User response

Remove SUMMARY from the DOMAIN or remove a newlist type from the DOMAIN SELECT.

Severity

12

CKR2230 **Domain merge only supports 2 types, not *number*, domain *domain source***

Explanation

This message indicates that only domain merges with 2 newlist types are supported, not more. This message is suppressible, but results are unpredictable in that case.

Severity

12

CKR2231 **Password support for special characters not enabled on current system**

Explanation

The source database in a merge operation allows special characters in passwords, but the current database does not. If passwords are copied from the source database to the current database, users with a password containing special characters will not be able to login using this password.

Severity

00

CKR2232 **Current system does not support KDFAES encryption**

Explanation

The source database in a merge operation uses the KDFAES encryption algorithm for password hashing, but the current database does not. Commands will not be generated to copy passwords from the source database to the current database.

Severity

00

CKR2233 **RETCONC: Audit concern contains variables, but none were found in the concern text**

Explanation:
This message flags an unsupported condition: an audit concern has associated variables, but they could not be substituted into the concern text. To understand the context, re-run the query with DEBUG NLS and examine the CKR1630 message right before this message.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. Provide at least the associated information from the CKR1630 message referenced in the explanation.

Severity

08

CKR2235 **The NOOVM keyword is mutually exclusive with the NEWOVMUID, NEWOVMGID, NEWOVMPROGRAM, NEWOVMHOME, and NEWOVMFSROOT keywords.**

Explanation

If the NOOVM keyword is used with the COPY command, then the NEWOVMUID, NEWOVMGID, NEWOVMPROGRAM, NEWOVMHOME, and NEWOVMFSROOT keywords cannot be used.

User response:
Remove the appropriate keyword and reissue the COPY command.

Severity

12

CKR2236 **Two-pass READ of unload not supported by server. Please upgrade the zSecure server.**

Explanation

This message indicates that the local or remote server does not support reading a remote UNLOAD data set.

User response:
Upgrade the local and remote server to a level that supports two-pass reading of a remote UNLOAD data set. zSecure supports two-pass READ of remote RACF databases.

Severity

12

CKR2238 **Complex *name* used *metricspec* bytes of transient storage for caching *count* variable-key profile segments**

Explanation

This message shows how much virtual storage was temporarily used to hold profile segments with a RACF variable name in the profile key. These profiles are held in storage until the variables can be resolved. The storage might have been reused for other data when DEBUG DICT lists storage use.

User response:
None required.

Severity

00

CKR2240 **NEWPHRASE or PROTECTED must be specified with NOPASSWORD**

Explanation

A COPY USER statement was found with NOPASSWORD but without PROTECTED or NEWPHRASE parameters.

Severity

12

CKR2241 **NEWPASSWORD cannot be used with NOPASSWORD parameter**

Explanation

A COPY USER statement was found with both NEWPASSWORD and NOPASSWORD parameters, which are mutually exclusive.

Severity

12

CKR2242 **NOPASSWORD might result in a syntax error if run on pre-KDFAES capable system**

Explanation

A COPY USER statement with NOPASSWORD results in commands that might fail when it is run on a pre-KDFAES capable system.

Severity

04

CKR2243 **FAUDIT only valid with both TYPE=OUTPUT and FILEDESC/PATH, and not with SVC99 - at *ddname* line *number***

Explanation

You can only specify FAUDIT on an ALLOC statement for a UNIX filedesc or a UNIX pathname that is to be opened for output. Moreover, this option is not supported for UNIX files that are allocated with DYNALLOC.

Severity

12

CKR2244 **Quotes not supported in audit flags string before *type* "*value*" at *DDname* line *number***

Explanation

The ALLOC parameter FAUDIT accepts only the documented syntax.

Severity

12

CKR2245 **Restricted mode forces SUPPRESS REASON=(WARN,NOPROFILE, SELFCONNECT,PWDCHANGE, CKGRACMAP,CKGRACDCERT) for scope reports and myaccess/ scope**

Explanation

This is an informational message that is issued if a report scope, newlist scope= parameter, my access, or my scope function is requested in restricted mode. Scope reports are likely to contain less information when run in restricted mode.

To allow recognition of indirect access capabilities or find warning mode profiles, information is needed from objects outside of the direct scope of the user. So, by definition, restricted mode limits the output to the direct scope of the user and suppresses indirect access reasons and warning mode.

Severity

00

CKR2247 **$SYSNAME or $VERSION resolution for UNIX symbolic link failed. OEXT record not found for system *system* dd *ddname***

Explanation

The CKFREEZE file that is allocated with the indicated *dd* for the indicated system does not contain the z/OS UNIX OEXT control block record. This record is necessary to resolve z/OS UNIX paths with symbolic links starting with $SYSNAME or $VERSION. The report might be unreliable.

User response

Check the zSecure Collect job for messages regarding the OEXT. Create a new CKFREEZE with the latest level of CKFCOLL.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2248 **$SYSNAME resolution for UNIX symbolic link failed. Symbol &SYSNAME not found for system *system* dd *ddname***

Explanation

The CKFREEZE file allocated with the indicated dd for the indicated system does not contain the value for the &SYSNAME system symbol. This value is necessary for resolving z/OS UNIX paths with symbolic links starting with $SYSNAME. The report might be unreliable.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2249 **Symbolic links starting with $SYSSYMA/ and $SYSSYMR/ are not supported. Results may be unexpected. System *system* dd *ddname***

Explanation

While processing z/OS UNIX file system data, symbolic links with targets starting with $SYSSYMA/ or $SYSSYMR/ have been encountered. These symbolic links are unsupported. The report might be unreliable.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2250 **$VERSION resolution for UNIX symbolic link failed. OPTN record not found for system *system* dd *ddname***

Explanation

The CKFREEZE file allocated with the indicated dd for the indicated system does not contain the z/OS UNIX OPTN control block record with values from the BPXPRM*xx* member. This record is necessary to resolve z/OS UNIX paths with symbolic links starting with $VERSION. The report might be unreliable.

User response

Check the zSecure Collect job for messages regarding the OPTN. Create a new CKFREEZE with the latest level of CKFCOLL.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR2251 **Simulating system *system1* with complex *complex version* default *system2* because no CKFREEZE file matching *dsn or path***

Explanation

This informational message is issued when an ACCESS record contained *system1*, no CKFREEZE was found for this system, and SIMULATE ACCESS_FALLBACK_DEFAULT was specified to direct the selection of the default system *system2* from the complex. It is only issued when a COMPLEX= parameter is present on an ALLOC TYPE=ACCESS statement.

Severity

00

CKR2252 **Simulating system *system* with COMPLEX/VERSION *complex1 version1* instead of *complex2 version2***

Explanation

The message warns that a COMPLEX= or VERSION= parameter was not honored for a TYPE=ACCESS file because that would result in SIM_ fields being empty. Instead, the indicated database (complex and version) is used.

User response:
Verify that this is what you meant to do.

Severity

00

CKR2253 **File *file* remote allocation failed on *zsecnode zsecsys***

Explanation:
This message indicates that allocation of a remote file failed.

User response:
Look for additional messages relating to the file to get more information and correct the ALLOC statement.

Severity

16

CKR2254 **Database for *complex version* processed with live settings from *system*, only allowed because no CKFREEZE based newlist types**

Explanation:
This message warns that there was no CKFREEZE file for the indicated complex. zSecure proceeds with a compare anyway because there was no request for a NEWLIST TYPE that has the system name in its record key. The live system settings are used as the default system in the complex. This is allowed even in restricted mode.

User response

Note that use of the live settings of a system other than the system that the database is from might result in the following report deficiencies:

- Incorrect custom data fields.
- Missing or 'hidden' profiles that are suddenly visible or not visible due to not using the proper range table for a split database.

If this happens, connect the proper CKFREEZE data set with a different VERSION for base.

CKR2255 **Database for *complex version* processed with F=BASE live settings from *system*, only allowed because no CKFREEZE based newlist types**

Explanation:
This message warns that there was no CKFREEZE file for the indicated complex. zSecure proceeds with a

compare anyway because there was no request for a NEWLIST TYPE that has the system name in its record key. The live system settings are used as the default system in the complex. This is allowed even in restricted mode.

User response

Note that use of the live settings of a different system than that which the database is from may result in the following report deficiencies:

- Seeing incorrect custom data fields.
- Missing or 'hidden' profiles that are suddenly visible or not visible due to not using the proper range table for a split database.

If this happens, connect the proper CKFREEZE data set with a different VERSION for the FUNCTION=BASE allocation.

CKR2256 **INMEM cannot be longer than 26 - *delimiter* at *ddname* line *number***

Explanation

The ALLOC TYPE=SMF INMEM=*rname* command is used to point to an in-memory resource that is defined in SMFPRM*xx*. The maximum length of the resource name is 26 characters.

Severity

12

CKR2257 **IFAMQRY return area too small, ReturnedImrs=*value***

Explanation

The message indicates that an unexpected high number of SMF INMEM resource names was returned by the IFAMQRY service. Processing continues with a subset if any were returned. The message shows how many resource names were returned.

User response:
Reduce the number of INMEM definitions to 32 or less, or see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2258 **Unexpected return code from IFAMQRY. SMF INMEM information not found. RC=*rc* hex, RSN=*rsn* hex**

Explanation

The message indicates a failure to get information from the SMF INMEM real-time interface. The message is followed by a dump of the QRPB parameter control block.

User response:
See the IFAMQRY information in *z/OS MVS Programming: Callable Services for High-Level Languages* for the meaning of the return and reason codes and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2259 **INMEM *rname* allowed, SMF record type mask *bitmask***

Explanation

This informational message indicates that the INMEM resource name that was requested on an ALLOC command was found and authorized. It also lists the SMF type mask for the INMEM resource.

Severity

00

CKR2260 **ALLOC INMEM=*rname* not found or not authorized**

Explanation

An INMEM resource name was requested on an ALLOC statement but it was not found, or the user had no SAF authorization on the resource FACILITY IFA.*rname*.

User response:
Check the spelling of the resource name, compare with the SMFPRM*xx* PARMLIB member, check SAF authorization for the resource, or check that the z/OS release supports INMEM.

Severity

12

CKR2261 **ALLOC INMEM requires 64 bit program**

Explanation

ALLOC INMEM= specification requires execution from a 64-bit load module.

User response:
Make sure that the hardware is at level z196 or higher. See also the ALLOC PROGRAM parameter in the ALLOCATE section of the *zSecure CARLa Command Reference*.

Severity

12

CKR2262 **Unexpected return code from IFAMCON for INMEM *rname*, RC=*rc* hex, RSN=*rsn* hex**

Explanation

The message indicates a failure to connect to the SMF INMEM real-time interface. See the IFAMCON information in *z/OS MVS Programming: Callable Services for High-Level Languages* for the meaning of the return and reason codes. The message is followed by a dump of the CNPB parameter control block.

User response:
See the IFAMCON information in *z/OS MVS Programming: Callable Services for High-Level Languages* for the meaning of the return and reason codes, and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2263 **Selection in restricted mode raises minimum access on newlist [*name*] to *level* for field *field* implied in *clause source***

Explanation

Because the specified restricted field is implied in the select clause, the output of the indicated newlist is restricted automatically to the records for which the user has the required access.

Severity

00

CKR2264 **Selection in restricted mode not allowed on field *field* implied in *clause source***

Explanation

When the program is running in restricted or PADS mode, selection on the indicated field is not allowed. The program is running in restricted mode either because of a reason shown in a CKR0031 message or because SIMULATE RESTRICT was specified. This condition is considered a syntax error (severity 12). If an ALLOWRESTRICT modifier explicitly indicates that the query must be executed anyway, this message is issued as a warning (severity 4) to remind you that the indicated field is treated as missing. The restrictions that apply to this field can be viewed in the **Restrictions** column of the output from the primary command FIELD after zooming in through BUILTIN and RACF, provided that the command is also issued in restricted mode. (SIMULATE RESTRICT in SETUP PREAMBLE will ensure this.)

Note: If the restriction is to OWNER or CKGOWNR and use of the restricted field is in a SELECT statement, message CKR2263 is issued instead.

Severity

04 or 12

CKR2265 **Selection in restricted mode raises minimum access on newlist [*name*] *source* to *level* for likelist=*name2 source***

Explanation

The output of the newlist *name2* has been restricted automatically to the records for which the user has the required access as shown in a prior CKR2263 or CKR2463 message. Because this newlist has a LIKELIST selection clause referencing that newlist, the same minimum access requirement applies.

Severity

00

CKR2266 **SEGMENT=*segmentname* on NEWLIST *name source* but selection does not seem to match**

Explanation

The presence of SEGMENT=*segmentname* is used in determining how to do an effective selection, assuming that the newlist is specific to this segment. Later analysis of the SELECT statement did not

reach the conclusion that the newlist is actually specific to this segment. The return code for this message is 12 if the newlist is actually specific to a different segment. The return code for this message is 12 in restricted mode. If neither condition applies, the default return code for this message is 4; this return code can be influenced by specfying OPTION MSGRC=(2266,*rc*). This message is never suppressible. See also CKR2267.

User response:
If the query is not supposed to be specific to the segment, remove the SEGMENT= parameter from the NEWLIST statement. If the select statement is complex and the analysis failed, rewrite it to start with (insofar as appropriate) CLASS=*class* SEGMENT=*segment* KEY=*key* or something akin to that, and make sure that this clause is not followed by an OR condition.

Severity

04 (unless changed by the MSGRC parameter of the OPTION statement) or 12

CKR2267 **Multiple values for *fieldaddr fieldname* [based on *fieldname2*] in segment *segmentname* - defined *source***

Explanation

Multiple values are present in a single record for the indicated *field*. The presence of a SEGMENT= specification on the NEWLIST statement was used in preparing the query. A prior CKR2266 message should have been issued to warn that the selection is not actually specific to that segment. The current record is for a different segment *segmentname* in which this field can validly be repeated. The secondary values will be discarded. This message is issued only once for a particular output column, which is identified by *source*. If the output field is a defined variable based on a field with another name, the base field is shown as *field2*. This message can be suppressed.

User response:
See CKR2266.

Severity

04

CKR2268 **Unexpected return code from IFAMGET for INMEM *name*, RC=*rc* hex, RSN=*rsn* hex**

Explanation

The message indicates a failure to get the next record from the SMF INMEM real-time interface. The message is followed by a dump of the GET Parameter Block GTPB.

User response:
See the IFAMGET information in *z/OS MVS Programming: Callable Services for High-Level Languages* for the meaning of the return and reason codes, and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2269 **SMF records skipped due to INMEM *rname* wraparound, increase RESSIZMAX or prio**

Explanation

The message indicates that the SMF INMEM real-time interface experienced a buffer wrap-around before all the SMF records could be passed. To keep up with log records, the dispatching priority of SMF, the consumer job (for example, CKQRADAR), and the TCPIP stack must all be higher compared to the dispatching priority of the tasks that write many SMF records, or spare processor capacity must be available.

Severity

08

CKR2270 **Unexpected return code from IFAMDSC for INMEM *name*, RC=*rc* hex, RSN=*rsn* hex**

Explanation

The message indicates a failure to disconnect from the SMF INMEM real-time interface. The message is followed by a dump of the parameter control block.

User response:
Look up the return code meaning in *z/OS MVS Programming: Callable Services for High-Level Languages*, and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR2271 **PAGEALIGN must be in range 1...255**

Explanation

The print option PAGEALIGN must be greater than 0 and smaller than 256.

Severity

12

CKR2272 **Invalid IP address '*string*' at *ddname* line *number***

Explanation

This message indicates that a CARLa script has an IP address (either IPv4 or IPv6) that is not valid.

User response

Adjust the corresponding CARLa script to supply a valid IP address specification.

Severity

12

CKR2273 **Segment parameters *segment1* and *segment2* are mutually exclusive**

Explanation:
On a SELECT or EXCLUDE command, a SEGMENT=*segment1*, SEG=*segment1*, S=*segment1*, or *segment1* parameter cannot be followed by a *segment2* parameter.

CKR2274 **Unsupported CKDS header record version *nn* for *volser ckds system* [*version*], record *recno ddname vol ckfreeze***

Explanation:
The ICSF CKDS header record indicates a version the program does not support. The message shows the record number in the CKFREEZE. The CKDS data set is not processed.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2275 **Unsupported PKDS header record version *nn* for *volser pkds system* [*version*], record *recno ddname vol ckfreeze***

Explanation:
The ICSF PKDS header record indicates a version the program does not support. The message shows the record number in the CKFREEZE. The PKDS data set is not processed.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2276 **OPTIMIZE=STORAGE specified but query not eligible**

Explanation

This informational message is issued when OPTION OPTIMIZE=STORAGE was explicitly specified but cannot be honored.

Severity

00

CKR2277 **Unsupported TKDS header record version *nn* for *volser tkds system* [*version*], record *recno ddname vol ckfreeze***

Explanation:
The ICSF TKDS header record indicates a version the program does not support. The message shows the record number in the CKFREEZE. The TKDS data set is not processed.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2278 **ACCESS= requires SENSITIVITY=, before *token "value" source***

Explanation

SIMULATE CLASS and SIMULATE RESTYPE only honor the ACCESS keyword when the SENSITIVITY keyword is also present (except for DATASET).

User response

Add a sensitivity to be associated with the access risk level, or remove the risk level.

Severity

12

CKR2279 **CKAOUNIX.CKASENIX: No memory to build IRIXes, UNIX files not recognized as sensitive**

Explanation

There is a memory shortage. As a result, UNIX processing cannot build a proper sensitive file search structure. In TYPE=UNIX the PRIV_* repeat group is empty.

User response:
Increase the REGION size or limit the query to see if this resolves the problem.

Severity

08

CKR2280 **RESOURCE_LOCATION not supported for CLASS='UNIXfile'c before *source***

Explanation

SIMULATE CLASS='UNIXfile'c (or SIMULATE RESOURCE_TYPE=UNIXFILE) does not allow a RESOURCE_LOCATION specification.

User response

Remove the RESOURCE_LOCATION (or RESLOC) specification from the SIMULATE command.

Severity

12

CKR2281 **SIMULATE CLASS=*class* does not allow ACCESS=*access*- *source***

Explanation

The indicated access level is not supported for the indicated class. For more information about SIMULATE CLASS, see "SIMULATE'' in the *zSecure CARLa Command Reference*.

User response

If the class is UNIXfile, change UPDATE to WRIT-NX or READ to READ-NX. For other classes, use UPDATE or READ. Note that UNIXfile must be specified as 'UNIXfile'c to preserve case if the CLASS keyword is used. You can specify RESOURCE_TYPE=UNIXFILE instead.

Severity

12

CKR2282 **Resource name longer than 246 not expected before *source***

Explanation:
This message is issued if you specified a resource name that is longer than what is currently supported on a `SIMULATE CLASS` or `SIMULATE RESOURCE_TYPE` statement. For SAF resources, the maximum resource name length is 246 characters. For UNIXFILE resources, the maximum resource name length is 1023 characters.

User response:
Verify that you specified the correct CLASS and RESOURCE *name*. If you must specify UNIX files, the preferred method is to use the `SIMULATE RESTYPE` statement. If you use `SIMULATE CLASS` for UNIX file specifications, ensure that you specified `CLASS='UNIXfile'c` exactly as shown.

Severity

12

CKR2283 **SIMULATE RESOURCE_TYPE=*restype* is not supported - *source***

Explanation

SIMULATE RESOURCE_TYPE=*restype* currently only supports UNIXFILE.

User response

Use SIMULATE CLASS=*class* for SAF classes instead.

Severity

12

CKR2284 **WHERE clause required for BOOLEAN define *name* (type=*type*) *source***

Explanation

A boolean statistic requires a condition to be evaluated. This must either be a WHERE clause on the DEFINE statement itself, or in case of DEFINE .. BOOLEAN(*variable*), the variable referenced must have a WHERE clause.

User response:
If no WHERE clause is desired, change BOOLEAN to TRUE. Otherwise, ensure that a WHERE clause is available.

Severity

12

CKR2285 **IP address of length *len1* truncated to length *len2* - *address***

Explanation:
This message indicates that, while copying an IP address or DNS name to a location below the bar, it was truncated.

User response:
Correct probable mistake in IP address specification.

Severity

8

CKR2287 **Option FLATTEN(*fieldname*) has no effect *source***

Explanation

NEWLIST option FLATTEN was specified for the indicated *fieldname*, but that field is not eligible to be flattened. For forward compatibility this is not generally disallowed, but the output from the query is not changed by the specification. OPTION MSGRC=(2287,*rc*) can be used to influence the severity of the message, and the message severity then influences the return code of the CKRCARLA program; this message is suppressible no matter what the effective return code is.

User response:
If resolving this condition is desired, then either modify the CARLa query, that is, the OPTION(*type*(FLATTEN=*fieldname*)) parameter on the indicated DOMAIN statement, or add a SUPPRESS MSG=2287 command prior to it.

Severity

04 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2289 **Option FLATTEN(*fieldname*) has no effect *source***

Explanation

NEWLIST option FLATTEN was specified for the indicated *fieldname*, but that field is not eligible to be flattened. For forward compatibility this is not generally disallowed, but the output from the query is not changed by the specification. OPTION MSGRC=(2289,*rc*) can be used to influence the severity of the message, and the message severity then influences the return code of the CKRCARLA program; this message is suppressible no matter what the effective return code is.

Severity

04 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2290 **Option only valid behind TYPE= - FLATTEN *source***

Explanation

The interpretation of the NEWLIST option FLATTEN(*fieldname*) depends on the report type that the field to be flattened belongs to. The TYPE= specification on NEWLIST must precede FLATTEN(*fieldname*).

User response:
Move the TYPE= parameter before the FLATTEN parameter of the NEWLIST statement (or if the report type was defaulted, add it explicitly).

Severity

12

CKR2291 **DEFSENS ACCESS=*level* not allowed with CLASS='*class*'c - *source***

Explanation

The indicated risk access level is not supported for the indicated class. See the information about the DEFSENS command in the *zSecure CARLa Command Reference*.

User response:
If the class is UNIXfile, change UPDATE to WRIT-NX or READ to READ-NX. For other classes, use UPDATE

or READ. Note that UNIXfile must be specified as 'UNIXfile'c to preserve case if the CLASS keyword is used. You can specify RESOURCE_TYPE=UNIXFILE instead. Do not mix UNIXfile with other classes on a single DEFSENS statement specifying an ACCESS level through a CLASS or RESTYPE specification list. This message is issued only once per DEFSENS statement.

Severity

12

CKR2292 **Concern id *id* on DEFSENS *source* was used on SIMULATE before**

Explanation

This message identifies that the ID specified on this DEFSENS statement occurred on an earlier SIMULATE statement also. Concern IDs specified on DEFSENS must identify a unique audit concern and priority, but concern IDs specified on SIMULATE are not validated against each other (or remembered). It is possible that the prior SIMULATE statement assigned a different audit concern with the same ID.

User response

If you are not concerned about this, you can suppress the message. To ensure full validation, include DEFSENS statements before SIMULATE statements.

Severity

04

CKR2293 **DEFSENS RESOURCE_TYPE=*restype* is not supported - *source***

Explanation

DEFSENS RESOURCE_TYPE=*restype* currently only supports UNIXFILE.

User response

Use DEFSENS CLASS=*class* for SAF classes instead.

Severity

12

CKR2294 **PRIO must be in range 2..9, before *token* "*value*" *source***

Explanation

The audit concern priority must be in the range 2..9. The value 2 is appropriate for application level authorization, while 9 indicates a high level of authorization, on a par with being able to change APF programs that can bypass RACF, ACF2, or TSS.

User response

Adjust the priority and try the operation again.

Severity

12

CKR2295 **Duplicate class name *class* on DEFSENS *sensitivity source***

Explanation

The CLASS= *keyword* on a DEFSENS statement lists the same class twice.

User response

Correct the CLASS specification.

Severity

12

CKR2296 **Explicit lookup to field *name* is not supported at *source***

Explanation:
Lookup to the named field is not supported.

User response:
Remove the lookup from the CARLa script.

Severity

12

CKR2297 **Concern requires PRIO and CONCERN, before *token* "*value*" *source***

Explanation

If any of the PRIO, CONCERN, or ID parameters is specified, the PRIO and CONCERN parameters are required.

User response

Add the missing parameters and try the operation again.

Severity

12

CKR2298 **User-defined sensitivity type must start with "Site", before *token* "*value*" *source***

Explanation

Site sensitivities must start with the 4 characters "Site".

User response

If you meant to define a site sensitivity, change the sensitivity to start with "Site" and try the operation again. Note that predefined sensitivity types can be used on SIMULATE CLASS but are not allowed on the DEFSENS statement.

Severity

12

CKR2299 ***string* concern ID must start with "*x*", before *token* "*value*" *source***

Explanation:
Site-defined concern IDs must start with an "S". IBM concern IDs defined in CARLa must start with an "I".

User response

Correct the ID and try the operation again.

Severity

12

CKR messages from 2300 to 2399

CKR2300 **Adding ALLOC TYPE=CKFREEZE ZSECNODE=*zsecnode* ACTIVE [COMPLEX=*complex*]**

Explanation

This message indicates that a small recent CKFREEZE will be obtained from remote zSecure Server for the indicated node. This action is taken if the input set of ALLOC statements does not provide a plausible alternative.

Severity

00

CKR2301 **Adding ALLOC TYPE=CKFREEZE ZSECSYS=*zsecsys* ACTIVE [COMPLEX=*complex*]**

Explanation

This message indicates that a small recent CKFREEZE will be obtained from the remote zSecure Server identified in the message. This action is taken if the input set of ALLOC statements does not provide a plausible alternative.

Severity

00

CKR2302 **Complex name *complex* assigned to *ddname volser dsname***

Explanation

This message indicates which complex name was assigned to an unload operation.

Severity

00

CKR2303 **Complex name *complex* assigned to *danem volser dsname***

Explanation

This message documents the complex name assigned to the unload file. The assignment is not based on a matching security database name; that occurrence would issue message CKR2347 instead.

Severity

00

CKR2304 **Complex *complex* assigned for RACF data set *volser dsname* of *ddname* system *system* [*version*]**

Explanation

This message documents that a snapshot was linked to a security database (complex) name based on the indicated RACF data set name.

Severity

00

CKR2305 **Complex *complex* assigned by default to *ddname* system *system* [*version*]**

Explanation

This message indicates the default system was assigned to a main or base-function security database and the complex name and version were inherited. For more information about the default system, see the DEFAULT command.

Severity

00

CKR2306 **Complex *complex* FUNC=MERGE assigned by default to *ddname* system *system* [*version*]**

Explanation

This message indicates the default system was assigned to a security database and the complex name was inherited. For more information about the default system, see the DEFAULT command.

Severity

00

CKR2307 **Complex *complex* added because named on ALLOC for file *ddname***

Explanation

This message indicates that a complex (without a security database) was added because of an explicitly specific COMPLEX= parameter on another file.

Severity

00

CKR2308 ***file* system *system* [*version*] matches normal function complex *complex***

Explanation

This message documents that the indicated snapshot file is used for a main or base-function complex because it has the same complex and version name. The version comes from the ALLOC VERSION keyword. The generation is visible if this is not about the most recent CKFREEZE for a system id. For example, generation -1 means the last CKFREEZE before the most recent one.

Severity

00

CKR2309 **ALLOC TYPE=CKFREEZE ACTIVE system *system* [*version*] uses complex *complex***

Explanation

This message documents which complex was assigned to an explicitly specified active ALLOC TYPE=CKFREEZE ACTIVE.

Severity

00

CKR2310 ***ddname* system *system* [*version*] matches any function complex *complex***

Explanation

This message documents that the indicated snapshot is linked to the indicated complex name because the complex and version name match.

Severity

00

CKR2311 **Non-merge complex *complex* for security db *volser dsname* matches *ddname* system *system* [*version*]**

Explanation

This message documents that a snapshot was linked to a main or base-function security database (complex) name based on the indicated security-database data set name.

Severity

00

CKR2312 **Non-merge complex *complex* for RACF data set *volser dsname* matches *ddname* system *system* [*version*]**

Explanation

This message documents that a snapshot was linked to a main or base function RACF security database (complex) name based on the indicated RACF data set name.

Severity

00

CKR2313 ***ddname* system *system* [*version*] matches normal function complex *complex***

Explanation

This message documents that the indicated snapshot is linked to the indicated complex name because the complex and version name match.

Severity

00

CKR2314 **Switched to sequential mode on remote database *complex***

Explanation

This message is issued on a CKRCARLA client when a server instance decides to switch reading the database to sequential mode for the indicated *complex*. This message follows message CKR1314, which is issued because of the high number of requests on the server side for the last data set in a database. This message is not issued if the client initiates the transition to sequential mode.

Severity

00

CKR2315 **Complex *complex* for security db *volser dsname* matches *ddname* system *system* [*version*]**

Explanation

This message documents that a snapshot was linked to a security database (complex) name with any function, based on the indicated security data set name.

Severity

00

CKR2316 **Complex *complex* for RACF data set *volser dsname* matches *ddname* system *system***

Explanation

This message documents that a snapshot was linked to a RACF database (complex) name with any function, based on the indicated RACF data set name.

Severity

00

CKR2317 ***ddname* system *system* [*version*] [*-generation*] implicit allocation defaults to complex *complex***

Explanation

This message documents that the indicated complex name was assigned to the indicated system because there was no better match. The version comes from the ALLOC VERSION keyword. The generation is visible if this is not about the most recent CKFREEZE for a system id. For example, generation -1 means the last CKFREEZE before the most recent one.

Severity

00

CKR2318 ***ddname* system *system* [*version*] no matching security database, creating complex *complex***

Explanation

This message documents that a new complex was created to contain the indicated system snapshot because no match was found.

Severity

00

CKR2319 ***ddname* default system *system* [*version*] considered default system for default complex *complex***

Explanation

This message documents that the default system of the default complex was changed to ensure that it equals the default system. For more information about the default system, see the DEFAULT command.

Severity

00

CKR2320 **ONLYAT option specified and will be appended to generated RACF commands**

Explanation

Message CKR2320 is issued when you specify the ONLYAT option, but VERIFY PERMIT processing cannot determine the RRSF status for the system.

User response

This message is issued with message CKR2322 or CKR2323 if the CKFREEZE file for the specified system does not contain information (or there is no CKFREEZE file) that indicates the system belongs to a multi-system RRSF configuration. See the suggested user actions associated with those commands.

Severity

04

CKR2321 **CKFREEZE required for system xxxx to determine RRSF status**

Explanation

Message CKR2321 is issued to warn that a CKFREEZE file is required to process the command and determine if the command applies to a multi-system RRSF configuration. Examples of commands that can cause this message are: VERIFY PERMIT, COPY, MOVE, and REMOVE.

User response

No action is required if the system is not part of a multi-system RRSF configuration. If the system is part of a multi-system RRSF configuration, you can perform either of these corrective steps:

- Specify the ONLYAT option so that any cleanup commands are directed only to the required system.
- Include RACF databases for all systems in the multi-system RRSF configuration, for example, so that VERIFY PERMIT can determine if a user ID that is undefined on one system in the RRSF configuration is defined on another system in the RRSF configuration.

Note: The use of the ONLYAT option requires the RACF Special attribute.

Severity

04

CKR2322 **Unable to determine RRSF status for system *xxxx***

Explanation

Message CKR2322 is issued with message CKR2320 if the ONLYAT option is specified but the CKFREEZE file is not available to determine if the system specified in this message is part of a multi-system RRSF configuration.

User response

No action is required if the system is not part of a multi-system RRSF configuration. If the system is part of a multi-system RRSF configuration, you can perform either of these corrective steps:

- Specify the ONLYAT option so that any cleanup commands are directed only to the required system.
- Include RACF databases for all systems in the multi-system RRSF configuration, so that VERIFY PERMIT can determine if a user ID that is undefined on one system in the RRSF configuration is defined on another system in the RRSF configuration.

Severity

04

CKR2323 **No RRSF information for system *xxxx* in CKFREEZE**

Explanation

Message CKR2323 is issued with message CKR2320 if the ONLYAT option is specified but the CKFREEZE file does not contain information to determine if the system specified in this message is part of a multi-system RRSF configuration.

User response

This is only a warning message. You can remove the ONLYAT option from the user input if it is not required for any systems that are processed by this job.

Severity

04

CKR2324 **Variable length field *field* only valid as last field in display line at *ddname* line *number***

Explanation

This field with default output length 0 (indicates the field is by default printed using an indefinite or variable length) can only be used as the last field on a line. This field will then use the remaining space on the line on the screen.

User response

Specify an overriding length to use the field in this position on the line.

Severity

12

CKR2325 **No commands generated for id *xxxx*, as id is defined on other RRSF systems**

Explanation

Message CKR2325 is issued with message CKR0068 if an undefined user ID is found on another system in the RRSF configuration and the ONLYAT option was not specified.

User response

See the suggested user actions associated with message CKR0068.

Severity

00

CKR2326 **Truncated GENERICANCHOR data for system *system* record *number* of *ddname volser dsn***

Explanation

The GENERICANCHOR data record that was taken from the CKFREEZE file is truncated because the LRECL of the CKFREEZE is too small.

User response

Consider increasing the LRECL size.

Severity

08

CKR2327 **Nested INPUT_CONDITION not allowed before *token* at *ddname* line *number***

Explanation

A construction that indicates conditionally included output fields is nested inside another such construction. Only fields, lookups, newline operators, concatenation operators, and summary level operators are allowed inside the construct.

User response

Remove the nested test construct from the CARLa.

Severity

12

CKR2328 **Input exhausted; INPUT_CONDITION not closed by ')' at end of file at *ddname***

Explanation

A construction that indicates conditionally included output fields is not properly closed by a parenthesis.

User response

Correct the CARLa by closing the construct with a closing parenthesis.

Severity

12

CKR2329 **Warning - commands may be directed by RRSF**

Explanation

This message indicates that the program could not determine whether or not commands would be directed by RRSF.

User response

Verify that the commands have the intended effect across RRSF nodes.

Severity

04

CKR2330 **Cannot open temporary command file: *reason*. Reverting to queueing the commands**

Explanation

Line command processing has determined that the "Action on command" setting was "Execute," but the required CKRTCMD temporary command file could not be allocated or opened. The message indicates that the commands are queued instead of executed.

User response

The reason can be "Missing ALLOC TYPE=CKRTCMD statement" or "OPEN call for ddname failed." Neither

problem should occur when using the IBM-supplied zSecure panels and REXX code. If you set up this kind of environment yourself, ensure that you specify this ALLOC statement with the proper DD name.

Severity

04

CKR2331 **Cannot open temporary command file: *reason*. *Result***

Explanation

Line command processing has determined that the "Action on command" setting was "Execute," but the required CKRTCMD temporary command file could not be allocated or opened. This can cause either of the following results:

- The commands are queued instead of executed (severity 4).
- The commands could not be read from a recursive query and are lost (severity 16).

User response

The reason can be "Missing ALLOC TYPE=CKRTCMD statement" or "OPEN call for ddname failed." Neither problem should occur when using the IBM-supplied zSecure panels and REXX code. If you set up this kind of environment yourself, ensure that you specify this ALLOC statement with the proper DD name.

Severity

04 or 16

CKR2332 **ALLOC TYPE=CKRTCMD supports only the DD parameter before *token* at *ddname* line *number***

Explanation

The ALLOC TYPE=CKRTCMD DD=*ddname* statement does not support additional parameters.

User response

Remove the erroneous parameters.

Severity

12

CKR2333 **Missing ALLOC TYPE=CKRTCMD statement - cannot open temporary command file - FORALL commands will be queued**

Explanation

FORALL processing detected that the "Action on command" setting was Execute (for ordinary commands) but the required command file was not allocated.

User response

This error should not occur if you are using the IBM-supplied zSecure panels. If you set up this kind of environment yourself, ensure that you specify the required ALLOC statement.

Severity

04

CKR2334 **OPEN call for DD=*ddname* failed - FORALL commands will be queued for *complex***

Explanation

FORALL processing detected that the "Action on command" setting was Execute and found the required CKRTCMD command file, but opening the file failed. This message is a notification that commands are being queued instead.

Severity

4

CKR2335 **NEWLIST [NAME=*name*] at *ddname* line *number* may be suppressed when NEWLIST [NAME=*name*] at *ddname* line *number* is due to *suppresstype* processing - options differ [In this run implied suppression applies]**

Explanation

This message is issued for a secondary NEWLIST statement within the scope of a MERGELIST statement in the following case: the difference in the newlist options LICENSE=*list*, ESM=*list*, SEGMENT=*segment*, UNRESTRICTED, RESTRICT_AUDITOR, RDS, and NONRDS implies that the first NEWLIST in the MERGELIST (and consequently the entire MERGELIST) might be suppressed when the secondary NEWLIST by itself would not have been suppressed.

The optional second line of the message (`In this run implied suppression applies`) is printed only if the MERGELIST is in fact suppressed in this

run, although the conditions for suppression of the individual secondary NEWLIST have not been met.

The *suppresstype* part of the message shows the keywords that might suppress the header NEWLIST but not the secondary one.

Note:

- Certain newlist types are only allowed in UNRESTRICTED mode. These can be flagged as such even though there is no explicit keyword in the CARLa.
- This warning might be issued for SEGMENT=*segment* even for segments that are present in any currently supported RACF database.
- OPTION MSGRC=(2335,*rc*) can be used to influence the severity of the message, and the message severity then influences the return code of the CKRCARLA program; this message is suppressible no matter what the effective return code is. See the information about the MERGELIST statement in the *zSecure CARLa Command Reference*.

Severity

4 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2336 **Member NEWLIST [NAME=*name*] TYPE=*type* at *ddname* line *number* while header NEWLIST [NAME=*name*] at *ddname* line *number* has TYPE=*type* - *concerns***

Explanation

This message is issued to state concerns about differences between the newlist types being used within the scope of the MERGELIST statement. Some concerns are:

- TYPE=RACF output is suppressed when there is no RACF source allocated, or if SUPPRESS RACF was used.
- newlist types might get suppressed dynamically as input for them is exhausted when running in real-time mode, as in the case, for example, when CKRCARLA is called from the zSecure Alert (C2POLICE) or zSecure Access Monitor (C2PACMON) engines.

The *concerns* stated can be any of the following: `not safe in soft-EOF context`, `will be suppressed when no RACF source`, or `suppressed due to no RACF source`. The first two concerns are usually issued with severity 0; the last concern is normally issued with severity 4. If this run seems to occur in a dynamic "soft-EOF" context, the severity is 12. OPTION MSGRC=(2336,*rc*) can be used to change the severity of the message to a fixed number. This message is always suppressible no matter what the return code is. See the information about the MERGELIST statement in the *zSecure CARLa Command Reference*. If a latent difference becomes an actual difference later during the run, message CKR2337 is issued.

Severity

00 or 04 or 12 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2337 **Member NEWLIST [NAME=*name*] at *ddname* line *number* effectively suppressed because NEWLIST [NAME=*name*] at *ddname* line *number* is suppressed**

Explanation

This message is issued in a dynamic "soft-EOF" context (for example, when running under zSecure Alert), when the output for the newlist type of the first NEWLIST in a MERGELIST has been exhausted, while the output for another NEWLIST in the MERGELIST has not.

For a MERGELIST that does not use the LIST command, all output is suppressed when the first ('header') NEWLIST has been suppressed. The remaining intervals will not produce further output for this MERGELIST. OPTION MSGRC=(2337,*rc*) can be used to change the severity of the message. See the information about the MERGELIST statement in the *zSecure CARLa Command Reference*.

Severity

00 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2338 **MERGELIST [NAME=*name*] at *ddname* line *number* suppressed because the first NEWLIST is suppressed**

Explanation

This message is issued at ENDMERGE when message CKR1232 has been issued for the first NEWLIST in the scope of a MERGELIST statement that does not use the LIST command. The message warns that output for the other NEWLIST statements is also suppressed.

Severity

04

CKR2339 **The SEGMENT parameter value *segmentname* is unknown - at *ddname* line *number***

Explanation

The specified segment name is not known to the current release of zSecure as a RACF database segment.

User response

If the value is specified incorrectly, adjust the CARLa. If you have added your own segments or if you are running an older release of zSecure with a newer RACF database, you can either suppress this message (SUP MSG=2339) or use OPTION MSGRC=(2339.*rc*) to reduce the severity to an informational or warning level.

Severity

12 (unless changed by the MSGRC parameter of the OPTION statement)

CKR2340 ***ddname* system *system* [*version*] considered default system for complex *complex***

Explanation

This message documents the decision about which system to use as the default system for the indicated complex.

Severity

00

CKR2341 ***ddname* system *system* [*version*] considered default system for complex *complex1* similar to complex *complex2* [*version*]**

Explanation

This message documents the decision about which system to use as the default system for the indicated complex, based on a similar complex with a possibly different function or version.

Severity

0

CKR2342 ***ddname* system *system* [*version*] considered default system for complex *complex* because SMF id matches**

Explanation

This message documents the decision about which system to use as the default system for the indicated complex, based on the SMF ID or VM system name.

Severity

0

CKR2343 **Warning: RACF data set *volser dsname* already known as complex *complex1*, assigning complex "dup*n*" to *ddname* system *system* [*version*]**

Explanation

This message warns that the input files contain more than one information source for the same complex. Consequently, another "dup*n*" complex name was assigned to the duplicate security database.

Severity

0

CKR2344 **Warning: duplicate complex name *complex1* for default system, assigning complex "dup*n*" to *ddname* system *system* [*version*]**

Explanation

This message warns that the input files contain more than one information source for the same complex. Consequently, another "dup*n*" complex name was assigned to the duplicate security database.

Severity

0

CKR2345 ***ddname* default system *system* [*version*] matched complex name *complex***

Explanation

This message indicates that the default system was assigned the indicated security database based on the matching complex and version name.

Severity

0

CKR2346 ***ddname* system *system* [*version*] matched complex name *complex***

Explanation

This message indicates that the indicated system snapshot was assigned the indicated security database based on the matching complex and version name.

Severity

0

CKR2347 **Complex *complex* assigned to *unload ddname volser unload dsname***
because security db *volser secdb dsname*
matches *ddname* system *system*

Explanation

This message documents that the indicated unload data set was assigned the indicated complex name because the indicated security database is in the indicated snapshot file.

Severity

0

CKR2348 **System *num* identification for system (SMF id) *system ddname volser dsname***
Sysname *sysname* sysplex *sysplex*
clone *cc*
clone *cc* hw *hwname* vm user *userid*
rrsf *rrsfnode* nje *njenode*

Explanation

This informational message shows which system identifications were found in the indicated snapshot file. It can help you understand the logic used for complex name assignment and normal command routing.

Severity

0

CKR2349 ***ddname* system *system* [*version*] considered default system for complex *complex***

Explanation

This message documents the decision to use an ACTIVE CKFREEZE as the default system for the indicated complex.

Severity

0

CKR2350 **CKRSVPUT need larger buffer file *rmtfile* for *clientfile* - skipping record with length *length***

Explanation

This message indicates that an unexpected long record was found that the mechanism does not support.

User response

If the file analyzed is a supported security database, SMF, or CKFREEZE file, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2351 **A required server connection is not available**

Explanation

This message indicates that a zSecure Server is needed for the CARLa query, but a server could not be reached with the currently configured server token.

User response

See messages CKR1494 and CKR1495 for more details on the attempt to access the local zSecure Server and follow the guidance.

Severity

12

CKR2352 **No RACF data set for range table sequence number *seqno* in complex *complex* - range *startkey***

Explanation

This message indicates that for the indicated complex there is no RACF data set in the RACF database that matches a particular key range in the range table. The start of the key range is shown. If your product includes this function, you can use the range table

report (menu option AU.S - RACF control - RANGE) for a better understanding of the range table as it is used.

User response

Verify the allocations for the complex. Perhaps the CKFREEZE does not belong with the database source or not all the RACF data sets in a RACF database have been specified on an ALLOC statement.

Severity

00

CKR2353 **Adding ALLOC TYPE=CKFREEZE ZSECNODE=*zsecnode* ZSECSYS=*zsecsys* ACTIVE [COMPLEX=*complex*]**

Explanation

This message indicates that a small recent CKFREEZE will be obtained from the remote zSecure Server for the indicated node. This is done if the input set of ALLOC statements does not provide a plausible alternative.

Severity

00

CKR2354 **ALLOC SMF invalid with ZSECSYS/ZSECNODE - before *token* at *ddname* line *number***

Explanation

The ZSECSYS and ZSECNODE parameters are allowed only on explicit allocation statements.

User response

Use TYPE=SMF instead of SMF.

Severity

12

CKR2355 **Default system's complex *name* must have that system *system* [*version*] as the main system**

Explanation

This informational message documents that the default system for a complex was amended based on which system is the default system.

User response

If this is not the intended configuration, you can change the default system with the DEFAULT statement.

Severity

00

CKR2356 **LOGOPTIONS(NEVER) active for DATASET**

Explanation

This message is issued in response to VERIFY SENSITIVE. It indicates that LOGOPTIONS(NEVER) is in effect for DATASET profiles on the class level. Commands might be issued to adjust the log options for individual profiles, but these have no effect until the global setting is changed.

Severity

04

CKR2357 **SYSLOG option also requires SYSLOGUDP/SYSLOGTCP/SYSLOGTOFILE specification.**

Explanation

If the SYSLOG option is present in the NEWLIST statement then it also requires a SYSLOGTO/SYSLOGUDP, SYSLOGTCP, or SYSLOGTOFILE specification.

User response

Ensure that the SYSLOGTO/SYSLOGUDP, SYSLOGTCP, or SYSLOGTOFILE option is also present. These options specify the destination for the SYSLOG.

Severity

12

CKR2358 **File *filename* READALL for mapped userid *id* on *zsecspec***

Explanation

This informational message notes that the indicated remote-node-mapped userid has READ access to CKR.READALL on the remote node. No restricted mode operation is necessary for this file.

Severity

00

CKR2359 **File *filename* restricted mode using mapped userid *id* on *zsecspec***

Explanation

This informational message indicates that restricted mode has been activated because the indicated remote-node-mapped userid does not have READ access to CKR.READALL. Therefore, the indicated userid does not have full access to the requested file.

Severity

00

CKR2360 **SUPPRESS ACCESS_GDG_VERSION mapped *nnn* data set names (nn%)**

Explanation

This message indicates the number of input TYPE=ACCESS records where GDG generation was replaced with a fixed string, "GnnnnVnn." This action reduces the amount of unique combinations in a consolidated output data set. This form of data reduction can be done safely if your site does not use:

- Discrete RACF DATASET profiles for individual GDG generations.
- Generic qualifiers like G22%%V00 for the last qualifier of a GDG generation.

User response

No user action is required if the action does not cause errors.

Severity

00

CKR2361 **SUPPRESS ACCESS_JESSPOOL_JOB/DSID mapped *nnn* JESSPOOL names (nn%)**

Explanation

This message indicates the number of input TYPE=ACCESS records where the JOBID or DSID (except the first character) was replaced with a fixed string of lowercase "x" characters. This action reduces the amount of unique combinations in a consolidated output data set. This form of data reduction can be done safely if your site only uses generics to govern:

- 2nd to 8th characters of JOBID.
- DSID qualifiers starting with D of the RACF JESSPOOL profiles.

User response

No user action is required if the action does not cause errors.

Severity

00

CKR2362 **Remote allocations for TYPE=*xxxxxxxx* not required. Allocations suppressed**

Explanation

This message is issued to indicate that the allocation of one or more remote RACF or ACF2 data bases was suppressed because the security database is not required.

The value specified for the database type (TYPE=*xxxxxxxx*) can be one of the following:

- RACF
- ACF2
- ACF2LID
- ACF2RULE
- ACF2INFO

User response

No action is required.

Severity

00

CKR2363 **Duplicate but identical entry for key=*key* in lookup *type.key.target* Value "*value*" in *record***

Explanation

While reading the file(s) for type *type*, duplicate entries were found for field *key*, which was used as the key field of the lookup. In this case, the duplicate entries specify identical values. The value will be stored for display of the lookup. Note that message CKR1142 is issued if duplicate entries are found but the values are different.

Severity

00

CKR2364 **Conversion type=*type* is not supported at *ddname* line *number***

Explanation

An unsupported type is specified in the CONVERSION statement.

User response

Correct the unsupported CONVERSION type at the specified location in the CARLa script.

Severity

12

CKR2365 **Conversion *name* is not specified at *ddname* line *number***

Explanation

The CONVERSION statement is missing a mandatory *name* parameter.

User response

Supply the *name* parameter to the CONVERSION statement at the specified location in the CARLa script.

Severity

12

CKR2366 **Conversion action (REPLCHAR) is not specified at *ddname* line *number***

Explanation

The CONVERSION statement is missing a mandatory *action list* parameter. For zSecure version 1.13 and earlier product versions, the only valid parameter is REPLCHAR.

User response

Supply the *action list* parameter in the CONVERSION statement at the specified location in the CARLa script.

Severity

12

CKR2367 **Warning: conversion *name* (type=*type*) at *ddname* line *number* overrides conversion at *ddname* line *number***

Explanation

The CONVERSION statement was encountered in the CARLa script with the same *type* and *name* as another CONVERSION statement that was defined earlier in the CARLa script. The latter statement overrides the earlier statement.

User response

Attention might be required if using the latter statement causes a misleading report (wrong conversion might be applied).

Severity

04

CKR2368 **Conversion *name* of type *type* at *ddname* line *number* is undefined**

Explanation

A (D)SUMMARY statement refers to a conversion that is not defined earlier in the CARLa script.

User response

Verify that the specified conversion *name* is defined earlier in the CARLa script and ensure that the conversion *type* matches the *newlist* type.

Severity

12

CKR2369 **Conversion variable *name* is invalid at *ddname* line *number***

Explanation

An undefined variable is specified in the *action list* parameter of the CONVERSION statement.

User response

Supply a supported variable in the *action list* parameter of the CONVERSION statement at the specified location in the CARLa script.

Severity

12

CKR2370 **Substring specification is not valid at *ddname* line *number***

Explanation

The SUBSTRING function used in the *action list* parameter of the CONVERSION statement has a *start index/length* argument that is causing the substring to fall out of the acceptable field value range. The maximum supported field value length is 246 characters.

User response

Correct the *start index/length* argument of the SUBSTRING function used in the *action list* parameter of the CONVERSION statement in the CARLa script.

Severity

12

CKR2371 **Conversion type must precede WHERE clause at *ddname* line *number***

Explanation

The CONVERSION statement has a WHERE clause that precedes the conversion type. This is not allowed because the WHERE clause evaluation depends on the CONVERSION type.

User response

Ensure that the type parameter precedes the WHERE clause in the CONVERSION statement in the CARLa script.

Severity

12

CKR2372 **A NEWLIST TYPE=IP_RESOLVER request was issued, but no CS Resolver configuration data are available. Perhaps old or non-APF CKFREEZE**

Explanation

This message is generated by NEWLIST TYPE=IP_RESOLVER. It indicates that a CS Resolver configuration report was requested but CS Resolver configuration data were not available.

User response

Check the CKFREEZE file that was used; the CS Resolver configuration report requires an APF-authorized IBM Security zSecure Collect run with a focus including zSecure Audit. The version of zSecure Collect should be at least 1.13 in order to produce a CKFREEZE file with the requested information. The version used to create the CKFREEZE file can be found in message CKR0132 in the SYSPRINT.

Severity

00

CKR2373 **NEWLIST TYPE=IP_RESOLVER CKFREEZE data incomplete or corrupted**

Explanation

This message is generated by NEWLIST TYPE=IP_RESOLVER. It indicates that a CKFREEZE file is incomplete or corrupted.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

20

CKR2374 **Adding ALLOC TYPE=CKFREEZE ACTIVE [COMPLEX=*name*] [VERSION=*name*]**

Explanation

This message indicates that an active security database was allocated without a corresponding system snapshot file. An allocate statement for the live system was added automatically to assure correct security settings and command routing.

User response

No action is required.

Severity

00

CKR2375 **Adding ALLOC TYPE=CKFREEZE ACTIVE**

Explanation

This message indicates that a security database was allocated without any system snapshot file. An allocate

statement for the live system was added automatically to supply system-level information.

User response

No action is required.

Severity

00

CKR2376 **Conversion is not allowed for field *fieldaddr fieldname source***

Explanation

This message indicates that a conversion action cannot be applied to the specified field. The indicated field is a "late" field that will be constructed in a later stage. Conversions are not allowed for such fields.

User response

This is a restriction; remove the CONVERSION modifier for the indicated field.

Severity

12

CKR2377 **Missing *product* security database for system *name* complex *complex***

Explanation

This message indicates that no *product* security database (which can be RACF, ACF2, or TSS) was available for the indicated system *name*, but one or more reports require this security information. The reports that need this information might be incomplete; other reports are unaffected.

Severity

00

CKR2378 **Logonid *identity* : Nesting level depth exceeded for role *role***

Explanation

ACF2 role records support a maximum of 25 nesting levels. The role record identified in this message exceeds this maximum. Further processing for this record is aborted.

Severity

20

CKR2379 **SENSITIVITY must precede RESOURCE before *type* "*value*" at *ddname* line *number***

Explanation

The sensitivity attribute must occur between the CLASS= and RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2380 **RESOURCE_LOCATION must precede RESOURCE before *type* "*value*" at *ddname* line *number***

Explanation

The resource location must occur between the CLASS= and RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2381 **ACCESS must precede RESOURCE before *type* "*value*" at *ddname* line *number***

Explanation

The risk access level specification must occur between the CLASS= and CONCERN= or RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2382 **CONCERN must precede RESOURCE before *type* "*value*" at *ddname* line *number***

Explanation

The risk access level specification must occur between the CLASS= and RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2383 **PRIO must precede RESOURCE before *type* "*value*" at *ddname* line *number***

Explanation

The audit priority level specification must occur between the CLASS= (or RESOURCE_TYPE=) and RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2384 **PRIO must be in range 2..9, before *type* "*value*" at *ddname* line *number***

Explanation

The audit concern priority must be in the range 2..9. The value 2 is appropriate for application level authorization, while 9 indicates a high level of authorization, on a par with being able to change APF programs that can bypass RACF, ACF2, or TSS.

User response

Adjust the priority and try the operation again.

Severity

12

CKR2385 **ID must precede RESOURCE before *token* "*value*" *source***

Explanation

The audit concern ID specification must occur between the CLASS= (or RESOURCE_TYPE=) and RESOURCE= parameters.

User response

Correct the order of the parameters and try the operation again.

Severity

12

CKR2386 **Duplicate SENSITIVITY before *type* "*value*" at *ddname* line *number***

Explanation

There can only be one CONCERN/PRIO associated with a sensitivity/ risk level combination for a resource.

User response

Change the duplicate sensitivity name, correct the access level, or remove the duplicate statement.

Severity

12

CKR2387 **Concern requires PRIO/CONCERN/ SENSITIVITY, before *type* "*value*" at *ddname* line *number***

Explanation

If any of the PRIO, CONCERN, or ID parameters is specified, the PRIO, CONCERN, and SENSITIVITY parameters are all required.

User response

Add the missing parameters and try the operation again.

Severity

12

CKR2388 **Sensitivity type must be predefined or start with "Site", before *type* "*value*" at *ddname* line *number***

Explanation

Site sensitivities must start with the 4 characters "`Site`". For more information on predefined sensitivities, see the section ''Predefined sensitivity types" in the *zSecure CARLa Command Reference*.

User response

If you meant to define a site sensitivity, change the sensitivity to start with "Site" and try the operation again.
If you meant to reference a predefined sensitivity, correct the spelling to one as shown in section "Predefined sensitivity types related to the SIMULATE SENSITIVE statement" in the *zSecure CARLa Command Reference*.

Severity

12

CKR2389 **Site concern ID must start with "S", before *type* "*value*" at *ddname* line *number***

Explanation

The concern ID must start with an "S" to distinguish it from the built-in concern IDs.

User response

Change the ID to start with the "S" character and try the operation again.

Severity

12

CKR2390 **Qualifier index must be >= 1**

Explanation

An invalid qualifier index was specified in the QUALIFIER function. The value must be an integer that is equal to or greater than the value 1.

User response

Ensure that the qualifier index in the QUALIFIER function is correct.

Severity

12

CKR2391 ***option* is not supported for multiple *object* identifiers in *cmd* command.**

Explanation

The *option* specification is not valid for the CARLa *cmd* command if the *object* parameter contains a list of identifiers.

User response

Change the CARLa script.

Severity

12

CKR2392 ***cmd* command is not supported for multiple *object* identifiers.**

Explanation

The specification of multiple identifiers for *object* is not allowed for the *cmd* command.

User response

Change the CARLa script.

Severity

12

CKR2394 **Options TOUSER/TOGROUP/ TOPERMIT are mutually exclusive except in COPY USER TOUSER TOGROUP**

Explanation

Options TOUSER, TOGROUP, and TOPERMIT are mutually exclusive in the COPY/MOVE/REMOVE CARLa commands. The only exception is the COPY USER command, where both the TOUSER and TOGROUP options are allowed.

User response

Correct CARLa and remove the mutually exclusive options from the corresponding command.

Severity

12

CKR2395 **ICHNCV00 conversion is not supported for *sysname* "*resource_name*" resource**

Explanation

The naming convention table, ICHNCV00, failed to convert the specified VSAM dataset (*resource_name*) because the conversion action is not supported on the specified system (*sysname*).

User response

Attention might be needed for this situation because no ICHNCV00 conversion was performed.

Severity

04

CKR2396 **Field *field* long hex value "*value*" invalid at *ddname* line *number***

Explanation

The SELECT or EXCLUDE statement on this line has a clause with a hexadecimal value that is greater than 'FFFFFFFF'X. The compared field is a numeric field that accepts only values smaller than or equal to 'FFFFFFFF'X.

Severity

12

CKR2397 **Field CUSTOM_DATA only valid as single field on a line at *ddname* line *number***

Explanation

The CUSTOM_DATA field must be the only field on a line.

User response

Remove any additional fields on the line where the CUSTOM_DATA field is specified.

Severity

12

CKR2398 **DIRLIST failed. ZERRMSG=*error_message***

Explanation

This message indicates that a severe error occurred while calling the DIRLIST service.

User response

Review the JESLOG to determine if this error is associated with other errors or messages. If you cannot resolve the problem, see the Electronic Support Web site for possible maintenance.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2399 **Unsupported ACCESS file format B (A supported) for file *file volser dsname***

Explanation

This message indicates that the specified TYPE=ACCESS input file has a newer format than the format that is supported by this level of the program.

User response

Upgrade the software or create the data set with the same software level.

Severity

16

CKR messages from 2400 to 2499

CKR2400 ***number1* ACCESS records consolidated on input to *number2* records (reduction *nn*%)**

Explanation

This message is issued when processing new-format TYPE=ACCESS files. The message quantifies the achieved data reduction in number of records.

Severity

00

CKR2401 **Read *number* records (with *n* errors) from TYPE=ACCESS file *ddname volser dsname***

Explanation

This message is issued when closing the indicated input file after having read the indicated number of

records. If errors occurred for the file, it lists the number of errors.

Severity

0

CKR2402 **Cannot consolidate to TYPE=ACCESS UNLOAD from concatenated input file *ddname volser dsname***

Explanation

This message indicates that the fast-consolidation TYPE=ACCESS UNLOAD can be created only from non-concatenated input files that are read in parallel. The indicated file name contains a concatenation of ACCESS files.

Severity

16

CKR2403 **Incomplete TYPE=ACCESS file *ddname volser dsname***

Explanation

This message indicates that the special end-of-file (EOF) record that is written normally at the end of a new-format TYPE=ACCESS file was not found. The job that created the file might have terminated prematurely and caused the incomplete file.

Severity

8

CKR2404 **TYPE=ACCESS UNLOAD does not support SELECT/EXCLUDE, use LIST RECORD**

Explanation

This message indicates that no selection is supported in a NEWLIST TYPE=ACCESS with an UNLOAD statement.

User response

Use NEWLIST NOPAGE with LIST RECORD instead to achieve the desired selective output or eliminate any SELECT and EXCLUDE statements between the NEWLIST TYPE=ACCESS and UNLOADstatements.

Severity

12

CKR2405 **Cannot perform fast consolidation to TYPE=ACCESS UNLOAD from old-format file *ddname volser dsname***

Explanation

This message indicates that the fast-consolidation TYPE=ACCESS UNLOAD cannot be created from the indicated old-format input file.

User response

Convert old-format files to new format first. Use SCKRCARL member C2PAMCVT.

Severity

16

CKR2406 ***number* selected ACCESS records resulting in *number file* summary records (reduction *nn*%) by newlist *name***

Explanation

This message provides the computed percentage reduction that was achieved by the indicated newlist. It must be a one level SUMMARY to produce reduction. It compares the number of resulting summary rows against the number of selected records. For CARLa member C2PAMCMP, the computation indicates the data reduction achieved in number of records.

See message number CKR1414 for the reduction achieved by selection. See message CKR2400 for the reduction achieved through input consolidation.

Severity

00

CKR2407 **UNLOAD with RACF database format error - CRDB is missing**

Explanation

A RACF database unload is missing records that describe RACF database properties. The RACF database UNLOAD process has failed probably or the UNLOAD data set is corrupted.

User response

Repeat the RACF database UNLOAD process and ensure that the UNLOAD data set is not altered afterwards.

Severity

16

CKR2409 **No valid CKFREEZE, terminating system initialization**

Explanation

This message is issued when at least one CKFREEZE file is allocated, but none of the allocated files can be used. The query is terminated. Look for earlier messages in SYSPRINT (for example, CKR1258 might occur) to determine the actual problems with the allocated CKFREEZE files.

Severity

20

CKR2410 **Too many summary levels in combination with PAGE/TITLE/ RETAIN or literals, limit is 256 at *ddname* line *number***

Explanation

This message indicates that too many summary levels are defined for the (D)SUMMARY CARLa statement in combination with PAGE, TITLE, SUBTITLE, TOPTITLE or RETAIN modifiers on output fields, or CARLa literals.

User response

Reduce the number of summary levels.

Severity

12

CKR2411 **Unexpected default RC for *class* on system *system* complex *complex***

Explanation

The default return code for the indicated class on the indicated system differs from the normal situation. The access simulation for UNIX files does not support this condition. The UNIX and TRUSTED reports may show more access than is actually granted.

Severity

04

CKR2412 ***modifier* not supported for non-boolean field *fieldname* at *ddname* line *number***

Explanation

The indicated *modifier* is allowed only on a field or defined variable that evaluates to a Boolean. The indicated *field* is not a Boolean type.

Severity

12

CKR2413 ***modifier* not supported for variable *fieldname* defined at *ddname* line *number***

Explanation

The statistic type *modifier* is allowed only on a field or defined variable without a WHERE clause that evaluates to a Boolean. That is, the type of the DEFINE is TRUE or BOOLEAN, or the type of the DEFINE is AS and the field it is based on is a Boolean type. The indicated *variable* does not meet these criteria.

Severity

12

CKR2414 **Conversion with WHERE clause defined at *ddname* line *lineno* not allowed in selection clause at *ddname* line *lineno***

Explanation

The input parser detected the following situation, which is not supported:

- Conversion is indirectly used (through DEFINE...AS..) in the SELECT/EXCLUDE statement.
- The conversion has a WHERE clause.

User response

Correct the CARLa script.

Severity

12

CKR2415 **Security monitor does not protect minidisk on volume *volume user.dev***

Explanation

This message is issued by VERIFY PROTECTALL if:

- No profile matches the minidisk definition in the VM CP directory.

- HCPRWA information indicates that the undefined VMDISK action is DEFER.

No command is generated to remedy the situation; you must determine the access requirements yourself.

Severity

08

CKR2416 **No VMMDISK profile but minidisk protected on volume *volume user.dev***

Explanation

This message is issued by VERIFY PROTECTALL if:

- No profile matches the minidisk definition in the VM CP directory.
- HCPRWA information indicates that the undefined VMDISK action is FAIL.

No command is generated to remedy the situation; you must determine the access requirements.

Severity

08

CKR2417 **Access allowed independently of security monitor for minidisk on volume *volume user.dev***

Explanation

This message is issued by VERIFY PROTECTALL if:

- No profile matches the minidisk definition in the VM CP directory.
- HCPRWA information indicates that the undefined VMDISK action is ALLOW.

No command is generated to remedy the situation; you must determine the access requirements yourself.

Severity

08

CKR2418 ***xxxx* during DIAGNOSE A0-50 processing**

Explanation

An error occurred while running the DIAGNOSE A0 command to obtain information for allocating either the RACF Primary/Backup or live SMF data files. CKRCARLA processing is terminated.

Severity

08

CKR2419 **Error issuing VMLINK for *xxxxx* device *yyy* MSG=*tttttt***

Explanation

An error occurred while running the VMLINK command to allocate either the RACF Primary/Backup or live SMF data files in z/VM. The specified device determines the type of file being allocated:

Device	File type
200	Primary RACF database
300	Backup RACF database
301	Live SMF data disk1
302	Live SMF data disk2

The message *tttttt* shows the message returned from the VMLINK command.

Severity

04

CKR2420 **Error allocating [PRIMARY | BACKUP] RACF database. Processing terminated**

Explanation

An error occurred during the issuing of the VMLINK command to obtain information for allocating the primary or backup RACF database. CKRCARLA processing is terminated. Message CKR2418 provides more information.

Severity

12

CKR2421 **Encountered another MCDS for system *system version complex volume dsn*, first was *dsn* Use 'SIMULATE SHARED VOL=MIGRAT' statement to specify which systems share MCDS**

Explanation

Multiple DFSMShsm migration control data sets (MCDS) were detected while processing data set information for a system. zSecure uses the MCDS

to determine migration (MIGRAT) volume sharing between systems. If multiple migration control data sets are detected, zSecure cannot determine MIGRAT volume sharing between systems.

User response

Add a "SIMULATE SHARED VOL=MIGRAT ...." CARLa statement to explicitly specify which systems share MIGRAT. You can use SETUP PREAMBLE in the ISPF UI to add the statement. Alternatively, you can specify SUPPRESS MSG=2421 to use the first MCDS that is encountered.

Severity

20

CKR2422 **HSM and ABR are both present on *system version complex*, using HSM MCDS for determining volume sharing for volume MIGRAT**

Explanation

Both a DFSMShsm Migration Control Data Set and an ABR Archive Control File were detected. The sharing of the DFSMShsm MCDS determined the MIGRAT volume sharing.

User response

No action is required.

Severity

00

CKR2423 **No READ access to VMCMD DIAG0A0.RACONFIG, or not class A or B**

Explanation

The user does not have access to run the DIAGNOSE A0 command to obtain information to allocate either the RACF Primary/Backup or live SMF data files. zSecure will use RACFVM default values to allocate these z/VM files.

Severity

04

CKR2424 **Invalid value *value* for format *format* field *field* at *file* line *number***

Explanation

An invalid value was specified for field *field* with format *format* in a SELECT or EXCLUDE command. Valid format values are documented in "SELECT and EXCLUDE for NEWLIST types other than TYPE=RACF" in the *zSecure CARLa Command Reference*.

Severity

12

CKR2425 **Unexpected ')' before *token* at *ddname* line *number***

Explanation

A closing parenthesis was detected in the input that could not be matched with an opening parenthesis.

User response

Remove the extraneous closing parenthesis from the CARLa job.

Severity

12

CKR2426 **LIST-like statement exhausted; INPUT_CONDITION not closed by ')' before *token* at*ddname* line *number***

Explanation

A construction that indicates conditionally included output fields is not properly closed by a parenthesis.

User response

Correct the CARLa by closing the construct with a closing parenthesis.

Severity

12

CKR2427 **Automatic compare ignored for newlist type=*type* at *ddname* line *number***

Explanation

An automatic compare was specified using FUNCTION=BASE on an ALLOC statement, but this newlist type does not support an automatic compare. The newlist will be processed as if no FUNCTION=BASE was specified on

an ALLOC statement. COMPARE_RESULT and COMPARE_CHANGES fields are allowed, but will return a blank value. No filtering will take place because of COMPAREOPT SHOW processing.

User response

To explicitly request that this newlist perform a compare operation, you must define your own compare operation. See the section on compare processing in the *User Reference Manual*.

Severity

00

CKR2428 **Default compare requires compare fields in newlist type=*type* at *ddname* line *number***

Explanation

A compare was specified for this newlist type using COMPAREOPT=DEFAULT on the NEWLIST statement. However, no default comparison is defined for this report type. To use this newlist to compare, create a COMPAREOPT statement that defines which fields to compare. You might also need to specify the BY and BASE fields.

User response

See the section on compare processing in the *User Reference Manual* for information on creating comparison operations.

Severity

12

CKR2429 **Cannot consolidate to TYPE=ACCESS UNLOAD from different VERSION=*ver* file *ddname* line *number***

Explanation

The fast consolidation of multiple versions at the same time is not supported. A single consolidated output file cannot contain information from multiple versions.

User response

Use separate runs for each VERSION.

Severity

16

CKR2430 **Newlist type *type* at *ddname1* line *number1* already used at *ddname2* line *number2***

Explanation

Each newlist type can be specified only once in a SELECT or TEST clause.

User response

When in a DOMAIN statement, combine the two selections into one SELECT TYPE() clause. When in a TEST statement, split the two tests across two TEST statements.

Severity

12

CKR2431 **Test *testname* at *ddname1* line *number1* already defined at *ddname2* line *number2* in rule *rulename***

Explanation

A TEST must have a unique name with the RULE, even if it is nested in an OTHERWISE clause.

User response

Change one of the names of the two tests with the same name in the specified rule.

Severity

12

CKR2432 **Standard *name* VER(*version*) at *ddname1* line *number1* already defined at *ddname2* line *number2***

Explanation

A STANDARD must have a unique combination of name and VERSION.

User response

Change the name or the version of one of the two STANDARD versions that have the same name and version.

Severity

12

CKR2433 **Domain *name* at *ddname1* line *number1* already defined at *ddname2* line *number2* in standard *stdname* VER(*version*)**

Explanation

A DOMAIN must have a unique name within the STANDARD.

User response

Change one of the names of the two domains with the same name in the specified standard.

Severity

12

CKR2435 **Parameter SELECT must be present for domain *name* at *ddname* line *number***

Explanation

A domain definition must contain parameters to define the content of the domain. You can do this either by specifying that the domain is a union of other domains or by specifying a SELECT parameter to define the type and selection clause that defines the domain.

User response

Add a SUBDOMAIN or SELECT parameter to define the domain.

Severity

12

CKR2436 **Rule *rulename* at *ddname1* line *number1* already defined at *ddname2* line *number2* in set *setname* in standard *stdname* VER(*version*)**

Explanation

A RULE must have a unique name within the STANDARD version.

User response

Change one of the names of the two rules with the same name in the specified standard.

Severity

12

CKR2438 **Expecting) - skipping for) ;**

Explanation

There is a syntax error; a closing bracket is missing. The command parser will attempt to continue parsing at the current nesting level by searching for a closing bracket or semicolon that could terminate the current parameter. If found, this may not be the intended delimiter. This scan is performed as an error recovery to help prevent termination of the whole STANDARD command parser in some cases. Possibly this is caused by a problem with a missing comma for line continuation or by using names that are longer than allowed.

User response

Ensure that the closing bracket is specified at the appropriate place.

Severity

12

CKR2439 **SUMMARY parameter cannot be multi-level at *ddname* line *number* for domain *domain***

Explanation

The SUMMARY specification in DOMAIN can only contain one level of summary statistics.

User response

Remove the * that indicates an extra summary level.

Severity

12

CKR2440 **Domain *name* not defined in standard *name* before use in rule *rulename* at *ddname* line *number***

Explanation

The domain used in a RULE specification must be defined on a DOMAIN statement in the same standard version prior to its use here.

User response

Ensure that the domain that is referred to is defined earlier in the standard version.

Severity

12

CKR2441 **Expecting ENDRULE *name1* for rule at *ddname1* line *number1* instead of *name2* at *ddname2* line *number2***

Explanation

The ENDRULE statement does not contain the expected rule name that is currently active.

User response

Correct the rule name on the ENDRULE statement or the rule name on the RULE statement, or correct the nesting level of the statements.

Severity

12

CKR2442 **Expecting ENDSTANDARD *name1* for standard at *ddname1* line *number1* instead of *name2* at *ddname2* line *number2***

Explanation

The ENDSTANDARD statement does not contain the expected standard name that is currently active.

User response

Correct the standard name on the ENDSTANDARD statement or change the name on the STANDARD statement, or correct the nesting level of the statements.

Severity

12

CKR2443 **Test *name* at *ddname1* line *number1* type *type* not part of rule domain *domain* at *ddname2* line *number2* for rule *rule* at *ddname3* line *number3***

Explanation

Each TEST specification between RULE and ENDRULE must apply to a newlist type present in the SELECT parameter of the DOMAIN identified in the RULE statement.

User response

Change the domain SELECT or the RULE DOMAIN parameter or the TEST newlist type.

Severity

12

CKR2445 **SET(*setname*) has been specified, but no RULE_SET *setname* exists**

Explanation

A SET(*setname*) was specified in the RULE statement, but no RULE_SET with the same name exists.

Severity

12

CKR2446 **OPTION must precede SELECT *name* at *ddname* line *number***

Explanation

On a DOMAIN statement, the OPTION keyword, if specified, must precede the SELECT keyword.

Severity

12

CKR2447 **System cursor last set to *sysname* [*version*] [*-generation*] *filename***

Explanation:
This message is issued as part of summary dump output if the system cursor was set. It can be used to determine which CKFREEZE file was being processed.

Severity

00

CKR2448 **Complex cursor last set to *complex* [*version*]**

Explanation:
This message is issued as part of summary dump output if the complex (security database) cursor was set. It can be used to determine which security database was being processed. Note that if the system cursor is being set, the complex cursor generally is not maintained.

Severity

0

CKR2449 **No FUNCTION=MAIN complex - ALLOC statements**

Explanation:
This message indicates that no FUNCTION=MAIN complex was found in the explicit ALLOC statements, nor was a FUNCTION=MAIN complex implied by implicit allocation default.

User response:
Add an ALLOC statement without FUNCTION or include an explicit FUNCTION=MAIN.

Severity

12

CKR2450 **No CKFREEZE file found for system *SMFid* in file *ddname volser dsn***

Explanation

ACCESS records were read that contained a system SMF ID for which there is no CKFREEZE file present in the set of input files.

User response

Connect a CKFREEZE file for the indicated system. If no such CKFREEZE exists, for example, because the ACCESS file has been modified, you can use the SIMULATE ACCESS_FALLBACK_DEFAULT statement to use settings from the default system.

Severity

08

CKR2451 **Simulating system *name1* with default *name2* because no CKFREEZE file matching *ddname volser dsn***

Explanation

ACCESS records were read that contained a system SMF ID for which there is no CKFREEZE file present in the set of input files. Because the SIMULATE ACCESS_FALLBACK_DEFAULT statement was specified, the settings from the default system are used for these ACCESS records.

User response

No action required.

Severity

00

CKR2452 **Only simple select clauses allowed; simplify test *testname* at *ddname* line *number* in rule *rule* in standard *standard***

Explanation

In the COMPLIANCE newlist, test clauses are represented using only simple tests of the form *field operator value*. The current test clause cannot be split into these required three parts. This message applies only to RACF test clauses.

User response

Split the test into multiple tests or use a simpler way to express the test.

Severity

12

CKR2453 **Only simple select clauses allowed; simplify test *testname* at *ddname* line *number* in rule *rule* in standard *standard***

Explanation

In the COMPLIANCE newlist, test clauses are represented using only simple tests of the form *field operator value*. The current test clause cannot be split into these required three parts. This message applies only to non-RACF test clauses.

User response

Split the test into multiple tests or use a simpler way to express the test.

Severity

12

CKR2454 **Report incomplete because DB2 catalog information missing from CKFREEZE for system *sysname*, *ddname vol dsn***

Explanation

Db2 catalog information is missing from the CKFREEZE file, which results in missing Db2 reports.

User response

Rerun the zSecure Collect program (CKFCOLL) with all Db2 subsystems active and specify the DB2=Y and DB2CAT=Y options to collect Db2 catalog information.

Severity

08

CKR2455 **Unexpected *type*, GRANTEETYPE x*XX***

Explanation

This message indicates that an unexpected value was found in the field GRANTEETYPE of a SYSIBM...AUTH Db2 table. The expected values are (in UTF8 character set) blank, L, or P. You can suppress this message.

User response

Check for corruption of the CKFREEZE file. If you cannot verify file corruption, check in the Db2 AUTH table for the 2-character object type indicated in *type*. If a new type is present, check the Electronic Support Web site for possible maintenance associated with this message.

Severity

16

CKR2456 **Count field not found for test *testname* at *ddname* line *number* type *type* of domain *domain***

Explanation

For a domain with a SUMMARY specification, it is possible to define a COUNT variable to specify which additional counts per summary key are available for testing. However, no COUNT field was found in the SUMMARY specification.

User response

Add a COUNT field to the DOMAIN SUMMARY specification for the indicated newlist type.

Severity

12

CKR2457 **Not found standard *standard* in suppress command at *ddname* line *number***

Explanation

A SUPPRESS STANDARD=*standard* statement was found in the input but there was no STANDARD statement defining that standard. The SUPPRESS statement is ignored.

User response

Check if you are working with the intended standard or if you misspelled the standard name.

Severity

04

CKR2458 **Not found rule [set] *rule [set]* in any version of standard *standard* in suppress command at *ddname* line *number***

Explanation

This warning message is issued if a SUPPRESS STANDARD=*standard* RULE=*rule* or SUPPRESS STANDARD=*standard* RULE_SET=*rule set* statement refers to a named RULE or RULE_SET statement which is not present in the specified standard. The SUPPRESS statement is ignored.

User response

Check if you are working with the intended standard version and if you spelled the name correctly.

Severity

04

CKR2459 **DDNAME/DD/FILE/F=*ddname* override is not supported within merge context - at *ddname* line *number***

Explanation

The DDNAME option is specified in a MERGELIST statement although a newlist between MERGELIST / ENDMERGE statements also has a specified DDNAME statement. This is not supported.

User response

Change the CARLa code to use only one output destination for a MERGELIST operation.

Severity

12

CKR2460 **DDNAME/DD/FILE/F=*ddname* [override] is ignored within merge context [,DDNAME/D/FILE/F=*ddname* is used] - at *ddname* line *number***

Explanation

A newlist statement between a MERGELIST/ENDMERGE pair has a specified DDNAME option with a data set name that differs from the specified name in the first newlist statement. This is not allowed in the same merge context; if a DDNAME is specified in the first newlist, it is used for all subsequent newlist statements in the same merge context.

User response

Review and correct the CARLa code.

Severity

04

CKR2461 **No CKFREEZE for SMFID *smfid*, resource names approximated**

Explanation

Due to the absence of an applicable CKFREEZE data set, it was not possible to exactly convert data set names in SMF records to the resource name used by the External Security Manager. The program uses an approximation to the exact method. When processing SMF records for this system, the resource name is assumed to be identical to the data set name. This message is issued only once for each different SMFID as shown in *smfid*. The total number of SMF records processed from this system is shown in message CKR0452.

Severity

04

CKR2462 **Both SUPPRESS_IF_COMPARE and COMPAREOPT=*name* at *ddname* line *number***

Explanation

This message is issued only if both the SUPPRESS_IF_COMPARE keyword, which suppresses a report when it is in scope for a compare, and COMPAREOPT=*name*, which specifies a comparison, are explicitly present on the same report. Although this is allowed, no true output can be generated for the report. SUPPRESS_IF_COMPARE is meant to conditionally prevent automatic (implied) comparisons from occurring.

Severity

04

CKR2463 **Selection in restricted mode raises minimum access on newlist [*name*] *source* to *level* for field *field source***

Explanation

Because the specified restricted field is referenced in the select clause, the output of the indicated newlist is restricted automatically to the records for which the user has the required access.

Severity

00

CKR2464 **Selected input for field *fieldname* is longer than *number* characters.**

Explanation

A string was specified that is longer than the maximum allowed length of the field. The field name and the maximum number of characters that are allowed are shown in the message.

Severity

12

CKR2465 **CSRCESRV QUERY failed, RC=*rc***

Explanation

A QUERY request to the data decompression service (CSRCESRV) that is used for compressed Db2 SMF records failed with return code *rc*.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

CKR2466 **CSRCESRV EXPAND failed for SMF record *recno* in *ddname volser dsn*, RC=*rc***

Explanation

The data decompression service (CSRCESRV) could not decompress the Db2 compressed SMF record *recno* in *ddname volser dsn*. The error code is *rc*.

User response

Verify that the SMF record is not corrupted. If the record looks good, see the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR2467 ***nn* [DB2 | CICS] compressed SMF records read, *nn* [DB2 | CICS] compressed SMF records processed (*nn*%)**

Explanation

This message indicates the number of Db2 or CICS compressed SMF records that were read and the number and percentage that were successfully expanded for the further processing. This message is issued only if Db2 or CICS compressed SMF records are present in the SMF data set and those records are earmarked for expansion.

User response

No user action is required if the number of read records equals the number of processed records. If the number of processed records did not equal the number of read records, data expansion failed for one or more records. The CKR2465 and CKR2466 messages provide further information about data expansion problems.

Severity

00

CKR2468 **The NOOMVS keyword is mutually exclusive with the NEWOMVSUID, NEWOMVSGID, NEWOMVSPROGRAM, and NEWOMVSHOME keywords.**

Explanation

If the NOOMVS keyword is used with the COPY command, then the NEWOMVSUID, NEWOMVSGID, NEWOMVSPROGRAM, and NEWOMVSHOME keywords cannot be used.

User response

Remove the appropriate keyword and reissue the COPY command.

Severity

12

CKR2469 **Skipping DB2 compressed SMF record *recno* because expanded record length is >32K in *ddname volser dsn***

Explanation

The SMF record *recno* appears to be a compressed Db2 record. However, the record appears to be corrupted because the indicated expanded record length is too large. The record was skipped.

User response

Verify that the SMF record is not corrupted. If the record looks good, see the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2470 **TYPE=ACCESS input pre-selection active**

Explanation

This informational message indicates that a performance optimization is active that preselects TYPE=ACCESS input records before they are passed to the access control simulation engine. As a consequence, the number of access records reported in message CKR1137 is not the full number, but the number after preselection. The full number of records is shown in message CKR1414.

Severity

00

CKR2471 **TYPE=ACCESS input no pre-selection**

Explanation

This informational message indicates that performance optimization cannot be done for TYPE=ACCESS records.

Performance optimization is not done if these conditions exist:

- Any of the SELECT or EXCLUDE statements for TYPE=ACCESS contains a field that requires access simulation (fields that start with SIM_).
- A SELECT or EXCLUDE statement is not present.

Note: When full performance optimization cannot be performed, partial selection might be available that saves significant CPU time. See the explanation for message CKR2478.

Severity

00

CKR2472 **Skipping TOKN sequence *seqid* for token *name* record *number ddname volser dsname***

Explanation

This message is issued if a duplicate TOKN type record is found in the ICSF TKDS (Token Data Set) for the indicated token name in the system. The message shows the sequence number field of the duplicate record.

Severity

04

CKR2473 **Invalid character in decimal number at *location***

Explanation

The value that is specified at the indicated location is not a valid decimal number.

Severity

12

CKR2474 **Warning: ASID *asid* already found for system *sysname*, record *rectype* of *CKFREEZE***

Explanation

The same address space ID (*asid*) was found twice on the same system (CKFREEZE data set).

Severity

04

CKR2475 **Warning: field *field name* already found for system *sysname*, record *rectype* of *CKFREEZE***

Explanation

The same field (*field name*) was found twice on the same system (CKFREEZE data set).

Severity

04

CKR2476 ***defined variable* at *ddname* line *number* not TRUE/BOOLEAN - incompatible with IFDEFINED at *ddname* line *number***

Explanation

The specified variable in the IFDEFINED(*field*) operation is not a BOOLEAN type or a TRUE type. IFDEFINED can refer only to a defined variable with a type of TRUE or BOOLEAN.

Severity

12

CKR2477 **Packed decimal number with more than 31 digits at *location***

Explanation

The number that is specified at the indicated location has more than 31 digits. IBM Security zSecure supports a packed decimal comparison of numbers up to 31 digits.

Severity

12

CKR2478 **TYPE=ACCESS derived input pre-selection**

Explanation

The analysis of the TYPE=ACCESS selection and exclusion statements showed that a partial selection can be done early. An early partial selection is done before access simulation, which can save CPU time especially if the RACF access lists are long. For example, selections on USERID and CLASS can reduce resource usage. If all of the SELECT and

EXCLUDE statements can be completely evaluated early, message CKR2470 is issued instead.

Severity

00

CKR2479 **TYPE=ACCESS input pre-selection for RACF_ACCESS**

Explanation

The analysis of the TYPE=RACF_ACCESS selection and exclusion statements showed that a partial selection can be done early when reading TYPE=ACCESS input records. An early partial selection is done before access simulation, which can save CPU time especially if the RACF access lists are long. For example, selections on CLASS and COMPLEX can reduce resource usage. If all of the SELECT and EXCLUDE statements can be completely evaluated early, message CKR2470 is issued instead.

Severity

00

CKR2480 ***num1* ACCESS records reduced by pre-select to *num2* records before simulation (reduction *nn*%)**

Explanation

This message is issued if any form of preselection is active for reading TYPE=ACCESS records. The messages show how much preselection reduced the number of input records to be processed by access simulation and TYPE=ACCESS newlist processing. The first number shows the number of access records that are left after consolidation. The second number shows the number of records that are left after preselection. For the reduction that is achieved by consolidation, see message CKR2400. To understand the form of preselection, see messages CKR2470, CKR2478, and CKR2479. If there is no preselection, message CKR2471 is issued.

Severity

00

CKR2481 **Use TYPE=ID not TYPE=RACF as base for *field* lookup in TEST *test* at *source* in rule *rule* standard *standard***

Explanation

This message is issued for a COMPLIANCE newlist when a lookup of user or group properties is attempted that uses a RACF newlist as base. Such a lookup is not supported. A similar lookup that uses the ID newlist as base is supported.

User response

Change the domain and test newlist types from RACF to ID. In the ID newlist, use field ID to take the place of field KEY in the RACF newlist. The field CLASS cannot be abbreviated in the ID newlist. For the required properties, use lookups that are based on ID.

Severity

12

CKR2482 ***num* ACCESS records unload to *ddname volser dsname***

Explanation

This message shows how many records were written to each TYPE=ACCESS unload data set.

Severity

00

CKR2483 **SYSTEM field not on SUMMARY for test *test source* type *type* of domain *domain***

Explanation

This message warns that the compliance report is not counting by SYSTEM. A compliance report usually counts by SYSTEM for a security standard rule if counts are involved for an object (newlist) type where SYSTEM is part of the record key.

Severity

04

CKR2484 **COMPLEX field not on SUMMARY for test *test source* type *type* of domain *domain***

Explanation

This message warns that the compliance report is not counting by COMPLEX. A compliance report usually counts by COMPLEX for a security standard rule if counts are involved for an object (newlist) type where COMPLEX is part of the record key.

Severity

04

CKR2485 **Cannot find simulation model CDT class *class* on system *system* complex *complex version***

Explanation

This message states that a SIMULATE SUBSYS command cannot be completed because the model CDT entry of the IBM-supplied class equivalent was not found.

Severity

16

CKR2486 **Unexpected empty ID field *fieldname***

Explanation

This message might help to find where blank or hex zero IDs are coming from. This message identifies an occurrence in the RACF database in the indicated field and profile. The message can be suppressed,

Severity

04

CKR2487 **Duplicate SIM SUBSYS *subsys-type* before *type* "*value*" at *ddname* line *number***

Explanation:
More than one SIMULATE SUBSYS *subsys-type* statement was detected for the same *subsys-type* subsystem. Only one set of options can be specified. The SYSPRINT file displays the CKR2487 message directly after the duplicate SIMULATE command specification.

Severity

12

CKR2488 **Simulating class descriptor for *newclass* based on *IBM class* complex *complex version***

Explanation

To process a SIMULATE SUBSYS command, a new class descriptor table entry was assumed to exist that is similar to the class descriptor table for the indicated IBM class.

Severity

00

CKR2489 **Simulate for *class1* propagates to *class2* complex *complex version***

Explanation

This message warns that the effect of a SIMULATE statement extends to another class with the same POSIT number.

Severity

00

CKR2490 **TelnetParm section related to *section* settings, not found of port *port* with index *index* for jobname *jobname* - system *sysname*, record *recnum* of *ckfreeze***

Explanation

An ALLOWAPPL, RESTRICTAPPL, ALLOW-RESTRICT APPL, DEFAULTAPPL, APPL LU GROUP, or USSTCP was discarded because no TelnetParm section exists for the same port number and port index within the current jobname. ALLOW-RESTRICT APPL is returned only if the record is corrupted or wrong, when the procedure cannot distinguish if it is a RESTRICTAPPL or an ALLOWAPPL section.

Severity

08

CKR2491 **NMI Header number *recnumber* not equal to Telnet Header number identifier *rectnident* for system *sysname*, record *recnum* of *ckfreeze***

Explanation

The current Telnet record contains a header number that is different from the Telnet header identifier. The record might be corrupted or contain wrong data.

Severity

08

CKR2492 **DDNAME(MEMBER) is mutually exclusive with DSN/DSNPREF/CMSFILE/INMEM/CDP - at *ddname* line *number***

Explanation

The ALLOC DD=DDNAME(MEMBER) parameter cannot be combined with any of the DSN, DSNPREF, CMS, INMEM, or CDP file parameters.

User response

Review and correct the CARLa script.

Severity

12

CKR2493 **Value range not allowed with NEVER before *token* at *ddname* line *number***

Explanation

A time value range cannot have the NEVER special value as one of its boundaries.

Severity

12

CKR2494 **Invalid DOMAIN_OPTION "*option*" - skipping for) before *token* at *ddname* line *number***

Explanation

The indicated value is not a valid keyword on the OPTION parameter of the DOMAIN statement, at least not within the context of the current NEWLIST.

Severity

12

CKR2495 **Unsupported newlist type *type* on DOMAIN OPTION - skipping for) before *token* at *ddname* line *number***

Explanation

The indicated NEWLIST type is not supported on the OPTION parameter of the DOMAIN statement.

Severity

12

CKR2496 **Warning: database for *complex* matched with settings from system *system* [*version*]**

Explanation

The UNLOAD of *complex* does not match the *system* to which the in-storage settings used for it refer, even though the UNLOAD was created on a system with the same name. (This message only pertains to FUNCTION=MAIN or FUNCTION=BASE.)

User response

Explicitly partition the input data sets through use of the COMPLEX and VERSION keywords to represent the actual configurations in use.

Severity

00

CKR2497 **No CKFREEZE without F=BASE available for complex *complex* [*version*]**

Explanation

The only CKFREEZE that could be assigned to *complex* is not appropriate because of its F=BASE function. Because database processing requires an associated system, the run is terminated.

User response

Explicitly partition the input data sets through use of the COMPLEX and VERSION keywords to represent the actual configurations in use.

Severity

12

CKR2498 **No CKFREEZE available for F=BASE complex *complex* [*version*]**

Explanation

Any CKFREEZE files in the run have already been matched with other complexes. Because database processing requires an associated system, the run is terminated.

User response

Explicitly partition the input data sets through use of the COMPLEX and VERSION keywords to represent the actual configurations in use.

Severity

12

CKR2499 **CKFREEZE with F=BASE must be the most recent one for its VERSION/COMPLEX combination - *ddname***

Explanation:
The specification of COMPLEX and VERSION on the ALLOC statements caused an older CKFREEZE data set from the same system to be assigned to FUNCTION=BASE. This is not supported.

User response:
Explicitly partition the input data sets through use of the COMPLEX and VERSION keywords to represent the actual configurations that are in use. Ensure that the COMPLEX and VERSION uniquely identify the BASE configuration. For point-in-time comparisons of the same configuration, it is most logical to assign FUNCTION=BASE to the oldest configuration.

Severity
12

CKR messages from 2500 to 2599

CKR2500 **CKRCUST.CKRCSTG: Called for invalid tag *nnnn* (dec)**

Explanation
An internal error has caused routine CKRCSTG in module CKRCUST to be called to process an unexpected tag. The value *nnnn* will identify the tag which has been requested for processing.

User response
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity
24

CKR2501 **CKRSTLV unexpected len *len1* for TRID ILEN=*len2* field *fieldname***

Explanation:
This internal error indicates an insurmountable problem while storing lookup values for an ID.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity
24

CKR2502 **DIFRPT corrupted VALs - V1*address hexvalue* V2 *address hexvalue***

Explanation
This is an internal error message

User response
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity
24

CKR2503 **RSB reconstruction mismatch for *type idContents***

Explanation
This internal error is generated when the program cannot reconstruct control block structures vital for understanding the ACF2 environment being analyzed.

type
Can be **complex** or **system**, indicating whether the unexpected layout was detected in the contents of an UNLOAD or a CKFREEZE.

id
Indicates the control block that could not be reconstructed, or it might show the complex or system name.

Contents
Shows the data that was actually encountered.

User response
Verify whether you allocated a proper UNLOAD and CKFREEZE and correct if needed. If this does not solve the problem, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2504 **CKRLKFE unknown SLFNTYPE= *type***

Explanation

An unexpected function type was found during selection lookup processing.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2505 **CKRINSU cannot find base SUMA OUTF for *field***

Explanation

This internal error message indicates that an unsurmountable unexpected condition occurred with regard to summary statistics.

User response

Try to simplify the CARLa query. If the problem persists, see the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2506 **Internal error: automatic compare requires compare fields in newlist type=*type* at *ddname* line *line*.**

Explanation

The internal knowledge base for this newlist type contains an inconsistency. It supports automatic comparison, but it has no defined fields to compare.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can still use this newlist for comparing by creating a COMPAREOPT statement with a correct compare specification. See the section on compare processing in the *User Reference Manual* for information on creating comparison operations.

Severity

24

CKR2507 **Internal error: Default compare base field *field* not supported. (Only COMPLEX and SYSTEM.) Newlist type=*type***

Explanation

The internal knowledge base for this newlist type contains an inconsistency. The indicated field is defined as a base field, but only the COMPLEX and SYSTEM fields are allowed as base fields.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can still use this newlist for comparing by creating a COMPAREOPT statement with a correct compare specification. See the section on compare processing in the *User Reference Manual* for information on creating comparison operations.

Severity

24

CKR2508 **Internal error: Default compare base field *field* is repeated. Newlist type=*type***

Explanation

The internal knowledge base for this newlist type contains an inconsistency. The indicated field is defined as a base field, but the field is repeated.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You can still use this newlist for comparing by creating a COMPAREOPT statement with a correct compare specification. See the section on compare processing in the *User Reference Manual* for information on creating comparison operations.

Severity

24

CKR2509 **CKRSTLV unexpected len *len1* for TLUR ILEN=*len2* field *fieldname***

Explanation:
This internal error indicates an insurmountable problem while storing lookup values for an object.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2511 **Internal error SUMAILEN=0 for SUMA *address***

Explanation

An error occurred during SUMMARY processing. User abend 2511 is issued to produce a summary dump and the run is terminated.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Provide the SYSPRINT file containing the summary dump.

Severity

24

CKR2512 **CKRELEMX/SCDBELEMX mismatch record *number* in newlist type=*type***

Explanation:
This internal error message shows an unexpected discrepancy between the complex index and the complex pointer that is passed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2513 **Unexpected test field length *num* for test *testname* at *ddname* line *number* in rule *rulename***

Explanation

The COUNT field being tested does not have length 1, 2, 3, or 4. The program is not designed to handle this. User abend 2513 was issued.

User response

Change the definition of the COUNT variable, or if you think this message is issued incorrectly, search the Electronic Support Web site for this message number or abend code to find a solution.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2514 **Unexpected test reloper *num* for test *testname* at *ddname* line *number* in rule *rulename***

Explanation

An internal error occurred. The relational operator field in the test has an unsupported value. User abend 2514 was issued.

User response

Search the Electronic Support Web site for this message number or abend code to find a solution.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2515 **No summary COUNT value CKRGETV test *testname* at *ddname* line *number* type *type* in rule *rulename***

Explanation

An internal error occurred. A value should have been present for the summary COUNT statistic but no value was found. User abend 2515 was issued.

User response

Search the Electronic Support Web site for this message number or abend code to find a solution.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2516 **CKRPUTV field SYSTEM value *value* does not match CKRELEM_SYSTINDEX for *system* in type *type***

Explanation

An internal error occurred.

User response

Search the Electronic Support Web site for this message number to find a solution.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2517 **CKFREEZE or code order problem *address. cbid len* #sys=*n* #cmplx=*n* #vers=*n* - issuing abend 2517 [len=*len* minimum=*min* field=*field*]**

Explanation

This internal error message indicates that the records in the CKFREEZE file were processed in an unsupported order. An optional second line may indicate field name with a data set name and sometimes a volume serial as well. An optional second line can indicate a field name with a data set name, and sometimes a volume serial as well.

User response

Check the CKFREEZE file (for example, for file transfer errors). Search for the error message number on the Electronic Support Web site.

Severity

24

CKR2521 ***Profile* should not have been translated**

Explanation

This internal error message indicates an inconsistency in the MERGE internal record structure.

User response:
See the Electronic Support Web site for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2522 ***Profile* should not have been src-only**

Explanation

This internal error message indicates an inconsistency in the MERGE internal record structure.

User response:
See the Electronic Support Web site for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2523 **CKRSELIN.CKRGETP: *message***

Explanation

This internal error is generated because a control block structure created for SELECT clauses or DEFINE WHERE clauses appears invalid.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2524 **CKRLPUT unexpected SUMAILEN=*len1* < OUTFILEN=*len2* for *field* SUMA *SUMAaddr***

Explanation

This internal error is generated when an unsurmountable unexpected condition occurred with regard to summary statistics. This message is followed by user abend 2524.

User response:
Search the Electronic Support Web site for information about this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2525 **CKRSYDB missing VERS control block for VERSION "*ver*", system *system***

Explanation

This message indicates an unexpected condition involving ALLOC TYPE=CKFREEZE VERSION=*name* specification for the indicated system. This is followed by user ABEND 2525. This message cannot be suppressed.

User response:
If you mean something else, add an ALLOC statement with appropriate FUNCTION=, COMPLEX=, and VERSION= parameters.

Severity

24

CKR2526 **CKRCIB called with zero CIB**

Explanation

This internal error message indicates that an unexpected parameter was received.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2527 **Number of entity *entities* segments exceeds *number***

Explanation

The total number of segments in the *entities* is larger than the maximum *number* that is currently supported.

Severity

20

CKR2528 **CKRGEVL CKABITS not done for SLGN *address***

Explanation:
This internal error message indicates that a processing step was erroneously skipped. The message can be suppressed, but resulting output can be incomplete. A user abend 2528 is issued unless the message is suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2529 **CKRGEVL CKASLGIN not done for SLGN *address***

Explanation:
This internal error message indicates that a processing step was erroneously skipped. The message can be suppressed, but resulting output can be incomplete. A user abend 2529 is issued unless the message is suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2530 **Duplicate ACCESS=*access* for sensitivity "*senstype*" on SIM CLASS=*class* RESOURCE=*resname* complex *complex* system *system***

Explanation

This message is issued when a SIMULATE CLASS statement or configuration assertion conflicts with a built-in sensitivity. This is an internal error.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2531 **CKRPRTR.CKRCONN Unexpected state *STATE* of port *port* of *destination***

Explanation:
This message indicates an unexpected condition that the program likely cannot recover from.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2532 **Internal error CKRCCHH RC=16**

Explanation

This internal message indicates that an invalid relative track number was passed to the CKRCCHH routine.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR2533 **No TPFI found for *dsn volser***

Explanation:
An unexpected condition was encountered for a tape data set name.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

CKR2535 **CKAOUSEN.C2ASASU: DICT expected in array but found *cbid resource***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

CKR2536 **CKAOUSEN.C2ASASU: DICTREF array length *len* too short in DICT at *address***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

CKR2537 **CKAOUSEN.C2ASASU: DICTREF expected but is *address***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2538 **CKAOUSEN.C2ASASU: DICT expected but found *cbid resource***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2539 **C2AXPLA: DICT expected in array but found *address. cbid resource***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2540 **C2AXPLA: DICTREF array length *len* too short in DICT at *address***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2541 **C2AXPLA: DICTREF expected but is *address***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2542 **C2AXPLA: DICT expected in array but found *cbid resource***

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2543 **DICT *address*. unexpected array in array**

Explanation:
An unexpected condition was encountered.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2544 **CKRCSUM.CKRKCPF: Certificate fingerprints cannot be determined**

Explanation:
Checksum routine is called in an invalid state. The message can be suppressed.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity:
24

CKR2558 **CKROUNIT.TLSDINIT: Conversion of *fieldname1* to EBCDIC is not supported - field *fieldname2* at *ddname* line *number*.**

Explanation

This message can be suppressed; no conversion will be done. (*Fieldname2* is the requested field, *fieldname1* is the actual database field. They might differ if *fieldname2* is a defined variable.)

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2559 **OUTF_SFCVAL NIL for *fieldaddr fieldname source***

Explanation

This internal error indicates that special processing (needed, for example, for a TITLE modifier) for multi-level summaries was not properly initialized.

This message is followed by user abend 2559.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2574 **OUTF_UML_IDX needed but NIL for *fieldaddr fieldname source***

Explanation:

This internal error indicates that special processing (needed for example for a TITLE modifier) for multi-level summaries cannot be properly initialized. This message can be suppressed, but this might result in a later CKR2559 message.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2586 **CKRPRTR.CKRPRTL: Missing summary level index for *fieldaddr fieldname source***

Explanation:

This message indicates an internal error condition. The field that is referenced cannot be associated to a particular summary level (in a multi-level summary).

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. As a circumvention you can try removing all PAGE, TITLE, SUBTITLE, TOPTITLE, and RETAIN modifiers and all CARLa literals from the `[D]SUMMARY` statement that the field is in.

Severity

24

CKR2587 **Duplicate ACCESS=*access* for sensitivity "*senstype*" on SIM CLASS=*class* RESOURCE=*resname* complex *complex* system *system***

Explanation

This message is issued when a SIMULATE CLASS statement conflicts with a built-in sensitivity. This is an internal error.

User response

See the Electronic Support Web site for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2588 ***routine*: FLATTENed repeat group *name* without any fields in newlist *name* type *type source***

Explanation:

Initialization for FLATTEN processing failed.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2589 **CKRACT.CKRACTT: Undeclared result for *type***

Explanation

It is unknown whether the newlist type (shown as a decimal number) is supported by the FORALL primary command. FORALL continues, but might not make any actual substitutions. This message can be suppressed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2591 **FORALL: Expected X or XX - *flags index linecommand***

Explanation

A negative selection (none or X / XX..XX) on a display was combined with a FORALL primary command. An internal error occurred when processing this request.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Report the details of the line commands used on the display when the error occurred. If different line commands were used at the same time, you might circumvent this message by not combining FORALL and selection line commands with these other line commands.

Severity

24

CKR2592 **FORALL: XX start without XX end**

Explanation

A negative selection (none or X / XX..XX) on a display was combined with a FORALL primary command. An internal error occurred when processing this request.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Report the details of the line commands used on the display when the error occurred. If different line commands were used at the same time, you might circumvent this message by not combining FORALL and selection line commands with these other line commands.

Severity

24

CKR2593 **FORALL: Unknown substitution variable *number* (hex) after "*substring*"**

Explanation

An internal error occurred when processing a primary FORALL command. This is not a parse error (ISPF message CKRM991 would be issued). This message is followed by a series of debug messages (CKR2670) that show the parse results recorded at this time and user ABEND 2593.

User response

You can suppress this message (an empty substitution will occur). Before contacting IBM Software Support, try to reproduce the problem with DEBUG ACTION activated through SETUP PREAMBLE. This should show an earlier sequence of CKR2670 messages as well.

Severity

24

CKR2594 **CKRXINIT.CKRDIXY: Mask specification len *length* not supported - *address: keyrequest***

Explanation

The CKRCARLA instance running as a database server received a key request containing a mask specification longer than 255 characters. The key request entry is discarded, which might result in some data not being returned to the client. You can suppress this message.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not

work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR2595 **CKRXINIT.CKRDIXY: MASK= but no Key-key - *address: keyrequest***

Explanation

The CKRCARLA instance running as a database server received a key request announcing a mask specification that was not included. The key request entry is discarded, which might result in some data not being returned to the client. You can suppress this message.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR2596 **CKRXINIT.CKRDIXY: Entry length *length* exceeds buffer length *length* - *address: keyrequest***

Explanation

The CKRCARLA instance running as a database server received a key request that specified an entry length that exceeds the boundary of the request. This key request and any key requests following in the same buffer are discarded, which might result in some data not being returned to the client. You can suppress this message.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR2597 **CKRXINIT.CKRDIXY: Remaining buffer length *length* is too small for a Key-entry - *address: keyrequest***

Explanation

The CKRCARLA instance running as a database server received a key request buffer that was too small for a key request. This message is followed by user ABEND 2597.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR2598 **CKRXINIT.CKRDIXY: Key-prefix-len *length* exceeds entry length *length* - *address: keyprefix***

Explanation

The CKRCARLA instance running as a database server received a key request that was too small to contain the declared key prefix. The key request entry is discarded, which might result in some data not being returned to the client. You can suppress this message.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR2599 **CKRXINIT.CKRDIXY: Remaining entry length *length* is too small for a Key-key - *address: keyrequest***

Explanation

The CKRCARLA instance running as a database server received a key request that is a partial KEY/MASK specification. The key request entry is discarded, which might result in some data not being returned to the client. You can suppress this message.

User response

You can circumvent this problem by adding SUPPRESS INDEX to the CARLa query. If this does not work, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It is useful to supply information about the key requests being sent (as shown through DEBUG DBPUT(FULL) on the server side) and what key requests should have been sent (as shown through DEBUG INDEX on the client side).

Severity

24

CKR messages from 2600 to 2699

CKR2600 ... CKR2659 ***message***

Explanation

These messages are generated in response to debugging options. If you need information about a CKR26*xx* message, and the message number is not specifically documented in this section, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR2660 **Reusing DD=*ddname* for *dsnmemfm***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that, rather than allocating an extra DD name, the CKRCARLA engine is using the indicated DD-name name to access the indicated data set.

Severity

00

CKR2661 **Wrngpfx DD=*ddname* for *dsnmemfm***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that while the CKRCARLA engine in principle could use the indicated DD-name name to access the indicated data set, it does not do so because the DD name prefix is not assigned by the CKRCARLA engine as a reusable DD name.

Severity

00

CKR2662 **Pre-allocated *dsnmemfm ddname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows which data set name was found preallocated to which DD-name name.

Severity

00

CKR2663 **Set CKREFREE to *ddnamelist***

Explanation

This debug message is written in response to DEBUG SVC99. It shows the list of DD names passed to the UI to be freed when leaving the UI or when selecting a different set of input data sets.

Severity

00

CKR2664 **Data set not found, LOCATE RC=*nn* for *dsname* type *hh***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that the LOCATE service could not resolve or find the data set name in the regular catalog. No further action is taken here, but presumably later there will be a DAIRFAIL message, or it will be restored. Some DASD management packages will restore the data set during an actual SVC 99 where they do not perform the restore for a LOCATE.

Severity

00

CKR2665 **Reusing DD=*ddname* for *dsnmemfm***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that, rather than allocating an extra DD name, the CKRCARLA engine is using the indicated DD-name name to access the indicated resolved data set name.

Severity

00

CKR2666 **Wrngpfx DD=*ddname* for *dsnmemfm***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that while the CKRCARLA engine in principle could use the indicated DD-name name to access the indicated resolved data set name, it does not do so because the DD name prefix is not assigned by the CKRCARLA engine as a reusable DD name.

Severity

00

CKR2667 **Reduce CKRDSN count for *dsname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a dequeue was requested for a data set, but this was not yet the last data set for queue name CKRDSN.

Severity

00

CKR2668 **CKRGFTR RC=*rc* DFTR: *address* call parms: *parameters***

Explanation

This message is issued in response to DEBUG ACTION when information is looked up in order to support an overtype or a line command for a digital certificate filter. A non-zero return code indicates an error of some kind. This information can explain the reason for certain error messages on the ISPF screen; the level of detail associated with the return code is greater than the level of detail in the end user messages. If the DFTR address is zero, then the information was not found.

Severity

00

CKR2669 ... CKR2670 ***message***

Explanation

These messages are generated in response to debugging options. If you need information about a CKR26*xx* message, and the message number is not specifically documented in this section, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR2671 **Called CKRCKX for complex *complex* RC=*rc***

Explanation

This message is issued in response to DEBUG ACTION when FORALL processing has executed a (temporary) command file for a complex. It shows the return code from the responsible subroutine.

Severity

00

CKR2673 **CKRCROD RC=*rc* zsecnode *zsecnode* RRSF node *RRSFnode* NJE node *NJEnode* obtained for complex *complex***

Explanation

This message is issued in response to DEBUG ACTION when FORALL processing obtains the effective command routing parameters for a complex.

Severity

00

CKR2674 ... CKR2686 ***message***

Explanation

These messages are generated in response to debugging options. If you need information about a CKR26*xx* message, and the message number is not specifically documented in this section, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR2687 **Request CKRDSN dequeue for *dsname***

Explanation

This debug message is written in response to DEBUG ENQ. It shows that a dequeue is requested for a data set. It was the last data set for queue name CKRDSN, so a dequeue request will be passed to ISGENQ.

Severity

00

CKR2688 **Request SYSDSN dequeue for *dsname***

Explanation

This debug message is written in response to DEBUG ENQ. It shows that a dequeue is requested for a data set. It was the last data set for queue name SYSDSN, so a dequeue request will be passed to ISGENQ.

Severity

00

CKR2689 **CKRALDSN add DDFR *ddname* for *dsname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request is queued to later explicitly deallocate the indicated DD name.

Severity

00

CKR2690 **CKRCFREE no DDFR for *ddname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that there has not been a request to explicitly (early) deallocate the indicated DD name.

Severity

00

CKR2691 **CKRCFREE DDFR already freed *ddname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request to explicitly deallocate the indicated DD name already exists.

Severity

00

CKR2692 **CKRDEQ no DSDQ for *dsname***

Explanation

This debug message is written in response to DEBUG ENQ. It shows that a dequeue is requested for a data set for which there has not been an enqueue. It is ignored.

Severity

00

CKR2693 **CKRENQ DSDQ *dsname* [SYSDSN|CKRDSN] ENQ#=*n***

Explanation

This debug message is written in response to DEBUG ENQ. It shows the new enqueue count on SYSDSN or CKRDSN for the indicated data set name.

Severity

00

CKR2694 **CKASMCL reduced use count *ddname* to *n***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request was made to explicitly deallocate a DD name but the DD name was still in use for another function in CKRCARLA.

Severity

00

CKR2695 **CKROUTYP reduced use count *ddname* to *n***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request was made to explicitly deallocate a DD name but the DD name was still in use for another function in CKRCARLA.

Severity

00

CKR2696 **CKRCFREE reduced use count *ddname* to *n***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request was made to explicitly deallocate a DD name but the DD name was still in use for another function in CKRCARLA.

Severity

00

CKR2697 **CKRFREE request to free already freed *ddname***

Explanation

This debug message is written in response to DEBUG SVC99. It shows that a request was made to explicitly deallocate a DD name but a previous request has already deallocated the DD name.

Severity

00

CKR messages from 2700 to 2799

CKR2700 ... CKR2799 ***message***

Explanation

These messages are issued in response to the specification of DEBUG commands or options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

Note: Some of the messages in this range are documented in more detail in this section.

CKR2721 **Reduce SYSDSN count for *dsname***

Explanation

This debug message is written in response to DEBUG ENQ. It shows that a dequeue was requested for a data set, but this was not yet the last data set for queue name SYSDSN.

Severity

00

CKR2759 **Abend requested with DEBUG ABENDLATE**

Explanation

This message is issued in response to a DEBUG ABENDLATE command. It is followed by a user abend 2759.

Severity

00

CKR messages from 2800 to 2899

CKR2800 ... CKR2837 ***message***

Explanation

These messages are issued in response to the specification of DEBUG commands or options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR2838 **Volume chain for *dsname* appears corrupt; processing volume *volser***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2839 **Volume *volser* not available for sharing requested for data set *dsname***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2840 **UCM version *nn* not supported - TYPE=CONSOLE records omitted**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKR2841 ***message***

Explanation

This message is in response to a debugging option. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR2842 **No TNVR found for *dsname volser***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2843 **Generation data set name cell invalid - generation *nn* version *vv* for *entity***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2843 **Generation data set name cell missing for *entity***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2844 **Unsupported tag value *xxxxxxxx* for *description***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2845 **Unrecognized profile type *profile* for data set *dsname* on volume *volume***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2846 ... CKR2873 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR2874 **CKROURPT no TRID for member STCPROC**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2875 **CKROURPT TSTCUSER=*user* ID=*id***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2876 **CKRMRGP grouped field *field* not supported.**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2876 **CKRTRNS Internal error**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you

cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2877 **Internal error condition in CKAOUJES**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2878 **CKRDELDA: volume *volser* unknown**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2879 **CKRDNVC invoked with unknown method *method* - *dsname* not deleted from catalog *catalog***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2880 ... CKR2887 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR2889 **CKACPXT invalid code *nn***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2890 **CKRMODC segment undetermined for *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2891 **CKRACTM segment not found for *field***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

CKR2892 **Missing program member instance in *program* : *dsname volume***

in system *sys* complex *complex* *version*

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2893 **CKRINPD internal error**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2894 **Format not supported in CKRXPLB - *xxxx***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2895 **CKRFLDP Unsupported pseudofield tag *nnn* (decimal)**

Explanation

This message might be caused by the use of a field that is only valid within a DEFINE SUBSELECT in an open SELECT or LIST family statement. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2896 **CVTMODF Cannot handle long values - length *length* for *fieldaddr* *fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2896 **CVTMODF Internal error - length zero for *field* for *fieldaddr* *fieldname* defined at *ddname* line *number***

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2897 **DTFMTL2 called invalidly**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKR2898,CKR2899 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for

possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 2900 to 2999

CKR2900 ... CKR2999 ***message***

Explanation

These messages are issued in response to the specification of DEBUG commands or options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 3000 to 3099

CKR3005 **Multiple allocations complex *complex* for UNLOAD or TSSCFILE.**

Explanation:
There can be only one security database source per complex name. The input specifies more than one.

User response:
Use different complex names for different security databases or remove duplicate UNLOAD statements.

Severity

12

CKR3008 **START command received from *console* user *userid*: *command***

Explanation

The message logs in the print output that a START command was received from the operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed.

Severity

00

CKR3009 **STCOM command received from *console* user *userid*: *command***

Explanation

The message logs in the print output that a STCOM command was received from the operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed.

Severity

00

CKR3010 **MODIFY command received from *console* user *userid*: *command***

Explanation

The message logs in the print output that a MODIFY command was received from the operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed.

Severity

00

CKR3011 **STOP command received from *console* user *userid***

Explanation

The message indicates that a STOP or P command was received from an operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed. SMF processing is terminated.

Severity

00

CKR3012 **MODIFY STOP command received from *console* user *userid***

Explanation

This message indicates that a MODIFY jobname,STOP command was received from an operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed. SMF processing is terminated.

Severity

00

CKR3013 **MODIFY job,ATTN/CANCEL command received from *console* user *userid***

Explanation

This message indicates that a MODIFY jobname,ATTN or MODIFY jobname,CANCEL command was received from an operator while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed. The program is terminated, similar to a TSO ATTN when control has returned to the program.

Severity

00

CKR3014 **SMF INMEM buffer overflows during current interval: *number*; total: *number***

Explanation

This message indicates that a MODIFY jobname,DISPLAY command was received from the operator while OPTION LISTEN_OPERATOR was active and the program was processing SMF records from an INMEM source. It shows the number of times that the SMF INMEM buffer has wrapped around before all the records could be processed. It shows two counts: one since the last restart, and one for the entire life of the task.

Severity

00

CKR3015 **Unknown MODIFY command received from *console* user *userid*: *command***

Explanation

This message in both the print output and the system log indicates that an unrecognized MODIFY command was encountered while OPTION LISTEN_OPERATOR was active. In some cases, a jobname or user ID of the operator is listed.

User response:
Correct the mistakes in the command and try again.

Severity

00

CKR3016 **APF authorization required for using CDP - at *source***

Explanation

This message indicates that the ALLOC Common Data Provider (CDP) feature can be used only if the engine is started with APF authorization; for example, through CKRCARLX.

User response:
Check the APF authorization of the STEPLIB libraries and, if missing, add them to the APF list. Use EXEC PGM=CKRCARLX if not doing that yet.

Severity

12

CKR3017 **Syslog records created: *number***

Explanation

This message is issued in response to a MODIFY job,DISPLAY command to display the count of NEWLIST SYSLOG output records that were selected. For newlists where the output command is LIST, they were written. For newlists where the ouput command is SORTLIST or DISPLAY, they might still be waiting for input to be completed (before the sort can complete) and hence not written out yet. If the count is 0, the message is not written.

Severity

00

CKR3018 **INMEM only allowed for TYPE=SMF - at *source***

Explanation

INMEM is meant for NEWLIST TYPE=SMF and is not allowed with any other type.

User response:

Remove INMEM or change NEWLIST TYPE to SMF.

Severity

12

CKR3019 **CDP only allowed for TYPE=SMF - at *source***

Explanation

CDP can be used only with NEWLIST TYPE=SMF and is not allowed with any other type.

User response:
Remove CDP or change NEWLIST TYPE to SMF.

Severity

12

CKR3020 **MODIFY job,RESTART received but not supported in 31 bit mode program, from *jobname* user [*userid*]**

Explanation

This message explains that the RESTART operator command does not work for the 31-bit variant of the program. The severity is 0 because the message does not influence the result of CARLa being run.

User response:
Use the minimum hardware level that supports the 64-bit version of the program. See also the ALLOC PROGRAM parameter in the ALLOCATE section of the *zSecure CARLa Command Reference*.

Severity

00

CKR3021 **Status **** BUSY **** *status***

Explanation

This message is issued in response to a `MODIFY jobname,DISPLAY` command to indicate where the last status checkpoint occurred. It shows the most recent BUSY progress message that was displayed under ISPF or with DEBUG PERFORM in the SYSPRINT in the batch.

Severity

00

CKR3022 **Unexpected QEDIT RC=*value***

Explanation

This message shows that the QEDIT service to reserve space for a number of operator Command Interface Blocks failed with the indicated return code in decimal.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKR3023 **MODIFY job,RESTART received from *jobname* user [*userid*]**

Explanation

This message is issued on the console in response to a `MODIFY jobname,RESTART` command.

Severity

00

CKR3024 **Unexpected IEANTRT return code *value* on task token CKR.PSTATUS**

Explanation

An unexpected error occurred in the attempt to obtain the task level token named CKR.PSTATUS.

User response

Look for the return code in the *z/OS MVS Programming Authorized Assembler Services Reference*. If that does not help, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR3025 **Restored *memorysize* persistent state from task token CKR.PSTATUS after RESTART *number* at *timestamp***

Explanation

This message shows that the persistent state that was saved for a RESTART was restored.

number
Indicates how many restarts were done since the persistent state task name token was created.

timestamp
Shows when the program was restarted.

Severity

00

CKR3026 **Unexpected IEANTCR return code *value* creating task token CKR.PSTATUS**

Explanation

An unexpected error occurred in the attempt to create the task level token named CKR.PSTATUS.

User response

Look for the return code in the *z/OS MVS Programming Authorized Assembler Services Reference*. If that does not help, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR3027 **RESTART_INTERVAL not supported in 31 bit mode, at *where***

Explanation

This message is issued when an attempt is made to use the RESTART feature in 31-bit mode. It is only supported at the appropriate hardware level. See also the ALLOC PROGRAM parameter in the ALLOCATE section of the *zSecure CARLa Command Reference*.

Severity

12

CKR3028 **Persistent state name token is *CBID* version *number1* but expecting PSTA version *number2***

Explanation

This message is issued if an unexpected layout was found in the task name token. *CBID* stands for Control Block ID.

User response

Terminate the task and start the program under a new task (TCB).

Severity

16

CKR3029 **RESTART not allowed in restricted mode**

Explanation

This message indicates that an attempt was made to restart the program from a persistent state while in restricted mode. That is not allowed.

User response

Run unrestricted or eliminate restarts.

Severity

16

CKR3030 **Unexpected IEANTDL return code *value* deleting task token CKR.PSTATUS**

Explanation

An unexpected error occurred in the attempt to delete the task level token named CKR.PSTATUS.

User response

Look for the return code in the *z/OS MVS Programming Authorized Assembler Services Reference*. If that does not help, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKR3031 **MODIFY job,RESTART received but not supported in restricted mode , from *jobname* user [*userid*]**

Explanation

This message explains that the RESTART operator command is not allowed in restricted mode. The severity is 0 because the message does not influence the result of CARLa being run.

Severity

00

CKR3032 **Restart *number* interval of *number* minutes starts at *timestamp***

Explanation

This message is issued when input CKFREEZE files and security databases were read and SMF processing is about to start. It indicates when the interval starts counting.

Severity

00

CKR3033 **RESTART iteration *number* requesting next iteration**
Pass *source* at record *number*

Explanation

The end of a restart interval is reached or an immediate restart command was requested. This can be later than expected if the program was waiting in a blocking call while the interval expired. See message CKR0852 for the date and time that the interval expiry was detected.

The message is followed by one line per input file that will be kept open across the restart.

Severity

00

CKR3034 **User abend 3034 requested by DEBUG ENDPROGABEND**

Explanation

This message is issued as the last line in the print output immediately before a user abend 3034 as requested by DEBUG ENDPROGABEND.

Severity

00

CKR3035 **TCP socket close failed sockdesc *n* RC *nn* [*meaning*] [reason *qqqq rrrrx* [*meaning*]]**

Explanation

This shows a failure to close a TCP connection. This message indicates that a BPX1CLO or BPX4CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string.

User response

See the *z/OS UNIX System Services Messages and Codes* reference manual available from the z/OS Internet Library.

Severity

12

CKR3036 **Imbedding CONFIG=*name* for domain name *source*:**

Explanation

This message is issued before the program imbeds the domain configuration member *name* from DD-name CKA@CUST.

The internally generated IMBED statement specifies a NODUP parameter, so that the member is read only once even when it has been specified for multiple DOMAINs.

Severity

00

CKR3037 **Continue input from *source* after record *number***

Explanation:
This message is issued after a restart to identify open files that were found during a restart. The program resumes reading where the previous iteration left off.

Severity

00

CKR3038 **Invalid TSS_EVENT value before *token* at *ddname* line *number***

Explanation:
The character value specified on the indicated TSS_EVENT select statement is invalid. For a list of

allowed values and their numerical values, see the TSS_EVENT field description for newlist SMF in the *zSecure CARLa Command Reference*.

Severity

12

CKR3039 **Connect failed on socket *num* RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] [after *mum* seconds] [contacting port *port* of *IPaddress* at *timestamp* | unexpected SOCKADDRLEN=*len*]**

Explanation

This shows a failure to connect to a remote port. Maybe a firewall blocks the connection, or the destination service is not available, or the port or IP address is incorrect. This message indicates that a BPX1CON or BPX4CON call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes, the numeric values are followed by an explanatory string.

The severity of this message depends on whether this is a retry or an initial attempt, and what the environment is. A job step program gives RC 12 on first attempt.

User response

Look for other return and reason codes in the *z/OS UNIX System Services Messages and Codes* reference manual available from IBM Documentation for z/OS. Verify IP address and port number are correct. Verify the destination is actually listening on the port. Verify there is no firewall in between that blocks the traffic.

Severity

4 or 12

CKR3040 **Connect on socket *num* succeeded to *destination*, port *port* of *family* address *IPaddress* at *timestamp* [after *number* seconds]**

Explanation

This logs the successful TCP connection from the indicated socket descriptor number to the *destination* as specified on a destination keyword like SYSLOGTCP. It also shows the port, socket family, and resolved IP address.

Severity

00

CKR3041 **Waiting for connection to port *port* of *destination***

Explanation:
This is a critical eventual action operator message that is displayed on the operator console. The message is deleted and repeated once every RESTART interval (default 60 minutes) when the output is being dropped while waiting for a connection. The *destination* is the destination string as it is passed on a SYSLOGTCP or similar parameter. The *port* can be the default port or a port that is explicitly mentioned in the *destination* string.

User response

Verify the following conditions:

- The target receiver is active and listening on the port. A restart of the application might be required to resolve the issue.
- There is no firewall that blocks traffic.
- There were no typing errors in the destination or port.

For more detailed diagnostic information, like return and reason codes, look for a message CKR3039 in the SYSPRINT of the program.

Severity

04

CKR3043 **TCP write for sockdesc *num* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] of port *number* of *destination***

Explanation

This message gives diagnostic information for an unrecoverable write failure on a TCP connection, for example for SYSLOGTCP.

User response

Check whether the connection was successfully recovered.

Severity

04

CKR3044 **CKR3044 BPX*x*AIO connect on socket *number abend***

Explanation:

An abend occurred during an asyncio connect call on the indicated socket.

User response:
See *z/OS MVS System Codes* to determine the cause and actions.

Severity

12 or 4

CKR3045 **Resolved *protocol* for *destination* to port *port family* address *IPaddress***

Explanation

This indicates successful translation of a destination and the default port for *protocol* into an IP address structure.

Severity

00

CKR3046 **TCP write connection error sockdesc *num* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] of port *number* of *destination***

Explanation

This message gives diagnostic information for a potentially recoverable write failure on a TCP connection, for example for SYSLOGTCP. Look for subsequent messages for the same socket number (sockdesc) to understand whether the retry was successful.

The severity is 4 because waiting for the connection and attempting to reconnect might remove the error condition.

User response

Check whether the connection was successfully recovered.

Severity

04

CKR3047 **RESTART_INTERVAL minimum is 10 minutes, before *token "value" source***

Explanation:
The specified value for `OPTION RESTART_INTERVAL` must be in the range of 10 to 1440 minutes (1440 minutes is 24 hours).

User response:
Select a value in the range 10 to 1440.

Severity

12

CKR3048 **Numeric TSS_EVENT must be decimal between 0 and 255 before *token* at *ddname* line *number***

Explanation:
The numerical value of the TSS_EVENT field that is specified on the indicated TSS_EVENT SELECT statement is higher than 255. This is not supported.

Severity

12

CKR3082 **Assigning ID=UND*nnnnn* { to concern "*concerntext*" | to sensitivity "*sensitivity*" | for simulated risk level }**

Explanation

This message is issued for a CONCERN from a `SIMULATE` or `DEFSENS` statement that does not have an ID, and the sensitivity is used, or for a sensitivity without a concern, or for a simulated risk level with neither concern nor sensitivity. The indicated ID UND*nnnnn* might be used in output of this run. However, if other CARLa statements are added to or removed from the query, this ID might change.

By default, this message is issued as an informational one (RC 0). You can promote it to a syntax error (that will stop the run) by adding the CARLa statement `OPTION MSGRC=(3082,12)` in SETUP PREAMBLE or at the start of a CARLa script.

User response:
Review the statement that triggered this message and consider adding a proper site-specific ID.

Severity

00 (unless changed by the `MSGRC` parameter of the `OPTION` statement)

CKR3084 **Current MASKTYPE=ACF2 at *source1* conflicts with earlier MASKTYPE=EGN at *source2* for *pattern***

Explanation:
There is a conflict in mask type between two SIMULATE commands for a single data set name pattern *pattern*, in response to the SENSITIVE keyword

on the latter SIMULATE command. The program can only use one mask type per data set name pattern.

Severity

12

CKR3085 **Current MASKTYPE=EGN at *source1* conflicts with earlier MASKTYPE=ACF2 at *source2* for *pattern***

Explanation:
There is a conflict in mask type between two SIMULATE commands for a single data set name pattern *pattern*, in response to the SENSITIVE keyword on the latter SIMULATE command. The program can only use one mask type per data set name pattern.

Severity

12

CKR3086 **Current MASKTYPE=ACF2 at *source1* conflicts with earlier MASKTYPE=EGN at *source2* for *pattern***

Explanation:
There is a conflict in mask type between two SIMULATE commands for a single data set name pattern *pattern*, in response to the CLASS=DATASET keyword on the latter SIMULATE command. The program can only use one mask type per data set name pattern.

Severity

12

CKR3087 **Current MASKTYPE=EGN at *source1* conflicts with earlier MASKTYPE=ACF2 at *source2* for *pattern***

Explanation:
There is a conflict in mask type between two SIMULATE commands for a single data set name pattern *pattern*, in response to the CLASS=DATASET keyword on the latter SIMULATE command. The program can only use one mask type per data set name pattern.

Severity

12

CKR3088 **Resource name length *len* exceeds maximum of 44 for class DATASET *source***

Explanation:
The maximum length of a data set name is 44 characters.

User response:
Check for a typing mistake in the data set name or make the generic specification shorter.

Severity

12

CKR3089 **Mask specification must have a non-generic prefix of at least 3 characters *source* for *dsnmask***

Explanation:
Generic resource name specification on the SIMULATE command must start with at least three (3) non-generic characters.

User response:
Change the mask specification.

Severity

12

CKR3090 **CKFREEZE structural error - no CFVX for *system*, record *number ddname dsname***

Explanation:
This message identifies a structural error in the CKFREEZE snapshot file at the position identified in the message.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

CKR messages from 3100 to 3199

CKR3100 ... CKR3111 ***message***

Explanation

These messages are issued in response to the specification of DEBUG commands or options. If you

need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR3112 **Now listening for operator commands**

Explanation

This message indicates that the task is now listening for operator commands like:

```
STOP job
MODIFY job,DISPLAY
MODIFY job,CANCEL
```

This message is only issued in response to a DEBUG CIB command.

Severity

00

CKR3113 **Task token CKR.PSTATUS deleted successfully**

Explanation

This message is typically shown in the output of the last iteration of a RESTART loop. The message is issued only if DEBUG RESTART is requested.

Severity

00

CKR3114 **Successful disconnect from SMF INMEM *rname***

Explanation

This message shows that the program disconnected from the indicated SMF INMEM resource *rname*. The message is issued only if DEBUG RESTART is requested.

Severity

00

CKR3115 **Task token CKR.PSTATUS created successfully**

Explanation

This message is typically shown in the output of the initial program output that is written before the first RESTART. The message is issued only if DEBUG RESTART is requested.

Severity

00

CKR3116 ... CKR3199 ***message***

Explanation

These messages are issued in response to the specification of DEBUG commands or options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKR messages from 3200 to 3299

CKR3200 **Type=*type* pre-selection for class SURROGAT, FSOBJ, or VMBATCH triggers all classes because these require propagation**

Explanation:
While a selection on CLASS was done for TYPE=TRUSTED, the selection covered one of the classes that require propagating any sensitive access. Therefore, all classes must be analyzed to create the report.

Severity:
00

CKR3201 **Duplicate DESTINATION *name* *where1*, already defined *where2***

Explanation:
More than one definition was found for destination *name*. The message indicates where in the input the current definition (*where2*) and the first definition (*where1*) were found.

User response:
Use only one definition for a destination name.

Severity:
12

CKR3202 **Invalid fingerprint value *source***

Explanation:
A fingerprint value cannot be interpreted. The specification is in hexadecimal, with colons (:) between bytes. To specify a hexadecimal value without colons, use the X conversion character behind the quoted string.

Severity:
12

CKR3203 **Fingerprint value must be quoted *source***

Explanation:
Value specifications for fields in the FINGERPRINT format must always be between quotation marks.

Severity:
12

CKR3204 **No CPACF found, certificate fingerprints will not be determined**

Explanation:
The hardware support for efficiently calculating checksums is not present on this machine. The CERTIFICATE_FINGERPRINT fields in TYPE=CERTIFICATE and TYPE=RACF will be missing. The message can be suppressed.

Severity:
04

CKR3205 **KLMD-Query indicates no support for SHA-256, certificate fingerprints will not be determined**

Explanation:
The hardware support for efficiently calculating checksums is not present on this machine. The CERTIFICATE_FINGERPRINT fields in TYPE=CERTIFICATE and TYPE=RACF will be missing. The message can be suppressed.

Severity:
04

CKR3206 **Unexpected VSAM OPTCD=DIR record/CI length *lll* expecting *bbbb* at *ddname* reading block *number* XRBA *rba***

Explanation:
An unexpected control interval length was encountered while reading a control interval in a VSAM RACF data set via direct addressing. This message is issued after an asynchronous wait.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3207 **Premature VSAM OPTCD=DIR end-of-file on *ddname* reading blk *number* XRBA *rba*, computed last block is *lastblk*.**

Explanation:
An unexpected end-of-file condition was encountered on DD name (*ddname*) while attempting to read a control interval via direct addressing at the indicated control interval / block number (*number*) and relative byte address (*rba*). This message is issued after an asynchronous wait.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3208 **Unexpected VSAM OPTCD=DIR GETTXT RC=*returncode* at *ddname* reading block *number* XRBA *rba***

Explanation:
An unexpected return code was encountered while reading a control interval in a VSAM RACF data set via direct addressing. This message is issued after an asynchronous wait.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3209 **Premature VSAM OPTCD=SEQ end-of-file on *ddname* reading blk *number*, computed last block is *lastblk*.**

Explanation:
An unexpected end-of-file condition was encountered on DD name *ddname* while attempting to read a record sequentially at the indicated control interval / block number (*number*) and relative byte address.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3210 **Unexpected VSAM OPTCD=DIR GETTXT RC=*returncode* at *ddname* reading block *number* XRBA *rba***

Explanation:
An unexpected return code was encountered while reading a control interval in a VSAM RACF data set via direct addressing.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3211 **Unexpected VSAM OPTCD=SEQ GETTXT RC=*returncode* at *ddname* reading block *number* XRBA *rba***

Explanation:
An unexpected return code was encountered while reading a control interval in a VSAM RACF data set sequentially.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3212 **Unexpected VSAM OPTCD=SEQ record/CI length *lll* expecting *bbbb* at *ddname* reading block *number***

Explanation:
An unexpected control interval length was encountered while reading a control interval in a VSAM RACF data set sequentially.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3213 **Unexpected VSAM OPTCD=DIR record/CI length *lll* expecting *bbbb* at *ddname* reading block *number* XRBA *rba***

Explanation:
An unexpected control interval length was encountered while reading a control interval in a VSAM RACF data set via direct addressing.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3214 **Premature VSAM OPTCD=DIR end-of-file on *ddname* reading blk *number* XRBA *rba*, computed last block is *lastblk*.**

Explanation:
Premature VSAM OPTCD=DIR end-of-file on DD name (*ddname*) reading block *number* XRBA *rba*; computed last block is *lastblk*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKR3221 **Invalid value '*value*' for format *format* field *field source***

Explanation

The specified value is not recognized as valid for selection on field *field source* (with format *format*).

Severity:
12

CKR messages from 3700 to 3799

CKR3700 ... CKR3799 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

0

CKR3800... CKR3899 ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

00

CKR messages from 3800 to 3899

Chapter 7. CKV messages

zSecure Collect is a component of these products:

- zSecure Admin
- zSecure Audit
- zSecure Alert
- zSecure Adapters for SIEM
- zSecure Manager for RACF z/VM

zSecure Collect gathers system data and stores that data in CKFREEZE data sets. It issues messages with the *CKF* prefix for the z/OS products and the *CKV* prefix for the z/VM product. For example, if you are using zSecure Admin and Audit you might see message number of CKF0001. The same message issued by zSecure Manager for RACF z/VM has the number CKV001I.

zSecure Collect messages shared between the z/OS and z/VM platforms are documented in Chapter 2, "CKF Messages," on page 5. zSecure Collect messages specific to the z/VM product are documented in this section. To locate documentation for a specific message with the CKV prefix, search this documentation for the message number, CKV970I for example.

Each message number has the form CKV*nnn*I where *nnn* is the message number. In addition to the message identifier, the program also issues a severity code. This code is derived from the program completion code that indicates the highest severity code encountered. The severity code can contain any of the following values:

00
Normal message, giving status or summary information.

04
Unusual condition found that might result in missing information.

08
Unusual condition found that causes information that was requested to be missing. Subsequent processing might be impacted.

12
Unexpected condition during zSecure Collect processing.

16
Syntax error in command input or entitlement problem.

24
Internal error or other unexpected and unsupported condition in zSecure Collect detected.

28
Internal error or other unexpected and unsupported condition in zSecure Collect detected. A user abend is issued to protect your system and force a dump.

CKV messages from 0 to 99

CKV000I **IBM Security zSecure Collect for VM Version *version***

Explanation

Product identification

Severity

0

CKV001I ***siteidentifier activity***

Explanation

This message shows a site-specific string.

Severity

0

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CKV008I **Directory information includes *u* users{, *i* identities,} and *n* minidisks**

Explanation

Run summary information.

Severity

0

CKV009I **CKVCOLL used *ss.t* CPU seconds, *ss* elapsed seconds, and collected *m.kkk* MB (*m.kkk* MB/s) Written *rectotal* records to *dsn* on *volume list***

Explanation

This message details the CPU time used as well as the wall clock time. In addition, the amount of data collected (written to the CKFREEZE file) is summarized as well as the effective data rate.

Severity

00

CKV010I **System name must be specified with SYSTEM command**

Explanation

The system name is required if a directory file is analyzed on another system (MVS or VM).

Severity

08

CKV011I **Unknown command *command* ignored**

Explanation

The indicated command in the SYSIN file is not recognized.

Severity

04

CKV012I **Open of output file failed - *ddname fname ftype fmode***

Explanation

zSecure Collect received an error while opening the CKFREEZE output file.

User response

Possible errors might be due to an incorrect specification of the filemode. Check the console log for additional messages and check if the disk specified for the CKFREEZE file is available in write mode.

Severity

08

CKV013I **Specified user directory is empty or does not exist.**

Explanation

The directory containing the input commands is empty or does not exist.

User response

Update the command input used to run the data collection process (CKVECOLL) to specify a valid directory file in the *VM Directory file source* parameter. See *Setting up the daily collection process* in the *IBM Security zSecure Manager for RACF z/VM: Manager for RACF z/VM Installation and Deployment Guide*.

Severity

04

CKV014I **Not running on Class B userid, configuration data collection will fail**

Explanation

A Class BE user ID is required for CKVECOLL.

Severity

08

CKV015I **Not running on Class E userid, device type information will be incomplete**

Explanation

A Class BE user ID is required for CKVECOLL.

Severity

04

CKV016I **Running 370 virtual machine on XA/ESA hardware; configuration data will be incomplete**

Explanation

It is recommended to use a XA capable virtual machine when running on VM/XA or VM/ESA. Although a 370 machine provides all the essential information, XA/ESA machines sometimes provide more complete path information.

Severity

04

CKV019I **Running VM/xxx 370/XA mode userid *uid* system *systemid* node *nodename***

Explanation

Identifies the system and user ID when running on a VM system.

Severity

00

CKV020I **Error(s) in input commands, program aborted**

Explanation:
The run was stopped because of syntax errors in the input commands.

User response

Correct the syntax and resubmit the job.

Severity

08

CKV021I **Reading directory for system *system***

Explanation

The directory is now read. The following messages refer to the directory read process.

Severity

00

CKV022I **Directory text file not allocated to DIRECT ddname. Minidisk info missing**

Explanation

No directory information is available to zSecure Collect. Without this information, the resulting file is unusable for most analyses with other zSecure products.

Severity

08

CKV023I **Specified guest *userid* not found in directory**

Explanation

The user directory does not contain the USER or IDENTITY statement corresponding to the user ID specified with the GUEST command. No information can be collected for the specified guest.

Severity

08

CKV025I **Duplicate userid *userid* found**

Explanation

The indicated user ID is defined twice in the user directory.

Severity

04

CKV026I ***statement* statement without preceding USER statement**

Explanation

A syntax error or unsupported construction in the directory was detected. The word *statement* in this message can be `MDISK` or `DEDICATE`.

Severity

04

CKV027I ***statement* statement ignored for duplicate USER statement**

Explanation

Only the minidisk definitions from the first occurrence of a user ID are used. The word *statement* in this message can be any of the following: `ACIGROUP`, `CLASS`, `DEDICATE`, or `MDISK`.

Severity

04

CKV028I **Duplicate *statement* address *xxxx* for user *user***

Explanation

The same statement is found twice for the same user. The word *statement* in this message can be DEDICATE or minidisk.

Severity

04

CKV030I **Duplicate profile *profile* found.**

Explanation

A PROFILE definition with the same name was found in the USER DIRECT file.

Severity

04

CKV031I ***profile* is not a profile.**

Explanation

The target of an INCLUDE statement did not reference a PROFILE definition in the USER DIRECT file.

Severity

04

CKV032I **Profile *profile* not found.**

Explanation

The target of an INCLUDE statement was not defined in the USER DIRECT file.

Severity

04

CKV033I **POOL creates duplicate userid *userid*.**

Explanation

The userid defined by a POOL statement already exists in the USER DIRECT file.

Severity

04

CKV034I **STORAGEGC only valid in PARM string.**

Explanation

This message indicates that the STORAGEGC parameter must be specified in the parameter string to take effect.

User response

If you run a collect in z/VM and want to collect storage garbage, you can issue the following statements:

Statement	Notes
CKVECOLL (STORAGEGC	Determines if running under ISPF or CMS in z/VM.
OSRUN CKVCOLL PARM=STORAGEGC	Issue when running under native CMS in z/VM.
ispexec 'SELECT PGM(CKVCOLL) PARM(STORAGEGC)'	Issue when running under ISPF in z/VM.

Severity

16

CKV079I **Reading from *device-no* resulted in nonzero return code *code*[,SCSW=*channel status word*]**

Explanation

Could not read from the specified device. The status code and optional device subchannel status word is provided in order to diagnose the problem.

User response

Consult the documentation for the specified device to troubleshoot the I/O error.

Severity

08

CKV messages from 200 to 299

CKV200I **Cannot collect configuration data on MVS**

Explanation

CKVECOLL will not collect VM configuration data when running on MVS or an MVS guest.

Severity

04

CKV265I **Directory file read but no USER [or IDENTITY] statement found - probably not a directory file**

Explanation

The file read as a VM Directory file does not contain any USER (or IDENTITY) statements. It might not be a valid VM Directory file. The "or IDENTITY" part of the message is only present when running on z/VM V6R2 or later.

User response

Update the command input used to run the data collection process (CKVECOLL) to specify a valid directory file in the *VM Directory file source* parameter. See "Setting up the daily collection process" in the *IBM Security zSecure Manager for RACF z/VM: Manager for RACF z/VM Installation and Deployment Guide*.

Severity

04

CKV266I **Directory file read but no valid MDISK statement found - probably not a directory file**

Explanation

The VM Directory file being read does not contain any MDISK statements, or the MDISK statement is not preceded by a USER statement. Most probably this file is not a valid VM Directory file.

User response

Update the command input used to run the data collection process (CKVECOLL) to specify a valid directory file in the *VM Directory file source* parameter. See "*Setting up the daily collection process*" in the *IBM Security zSecure Manager for RACF z/VM: Manager for RACF z/VM Installation and Deployment Guide*.

Severity

04

CKV messages from 300 to 399

CKV306I **Free device *rdevno* of guest *userid* will be attached temporarily**

Explanation

This message indicates that the disk *rdevno* dedicated to *userid* is currently free, and is temporarily attached to collect configuration information. The *userid* was specified with the GUEST command.

Severity

00

CKV307I **Processing all disks linked or attached to userid *userid***

Explanation

This message is printed if no GUEST command is used. The message indicates that all disks currently linked or attached to the VM user ID running this program are processed.

Severity

00

CKV308I **Scanning disk linked as *vdev* (*volser*) on dasd *vdev* (*volser*)**

Explanation

CKVECOLL program status information.

Severity

00

CKV309I **Scanning disk *vdev* of userid *userid* (on dasd *vdev* (*volser*))**

Explanation

CKVECOLL program status information.

Severity

00

CKV310I **Volume serial number is *volser***

Explanation

CKVECOLL program status information.

Severity

00

CKV311I **....done, number of I/O-s is *count***

Explanation

This message provides CKVECOLL program status information. It is a continuation of message CKV310I. This message is only issued if the `DEBUG DEVICE` option is enabled.

Severity

00

CKV312I **VSAM catalog resides in *data set name***

Explanation

A VSAM master or user catalog has been detected in the indicated data set. The catalog will be read. This message is only issued if the `DEBUG DEVICE` option is enabled.

Severity

00

CKV313I **Number of empty DSCB slots: *count***

Explanation

The VTOC contains the indicated number of empty DSCB slots. This message is only issued if the `DEBUG DEVICE` option is enabled.

Severity

00

CKV320I ***architecture devtype*, *count sizetype***

Explanation

Some *architecture* disk parameters are reported for debugging purposes. This message is printed only when `DEBUG IO` was set. *architecture* can be CKD (with `sizetype=tracks/cyl`) FBA (with `sizetype=tracks/cyl=blks/track`.

Severity

00

CKV321I **Getting CKD record CCHHR = *physical address***

Explanation

A physical CKD record with the indicated address is being referenced. This message is printed only when DEBUG IO was set.

Severity

00

CKV322I **Removing CKD track out of buffer**

Explanation

A CKD track is removed out of the track buffer because it has not been referenced recently. This message is printed only when DEBUG IO was set.

Severity

00

CKV323I **Reading CKD track *physical address* from disk...**

Explanation

A CKD track is being read from disk because it was not found in the track buffer. This message is continued in message CKV324I. This message is printed only when DEBUG IO was set.

Severity

00

CKV324I ***...count* bytes read**

Explanation

The message is the continuation of message CKV323I and indicates the physical number of bytes read. This message is printed only when DEBUG IO was set.

Severity

00

CKV325I **Getting FBA blocks *FBA block nr-FBA block nr***

Explanation

A physical FBA block with the indicated address is being referenced. This message is printed only when DEBUG IO was set.

Severity

00

CKV326I **Removing FBA track out of buffer**

Explanation

An FBA track is removed out of the track buffer because it has not been referenced recently. This message is printed only when DEBUG IO was set.

Severity

00

CKV327I **Reading FBA track *FBA block nr.* from disk...**

Explanation

An FBA track is being read from disk because it was not found in the track buffer. This message is printed only when DEBUG IO was set.

Severity

00

CKV328I **Catalog track size = *number of bytes***

Explanation

The physical track size of a track containing the low key range data records of a catalog is being reported for debugging purposes. This message is printed only when DEBUG IO was set.

Severity

00

CKV329I **Collecting VTOC information**

Explanation

CKVECOLL program status information.

Severity

00

CKV330I **Collecting VSAM catalog information**

Explanation

CKVECOLL program status information.

Severity

00

CKV340I **Warning: More than 4096 extents for file *fn ft fm***

Explanation

The CMS blocks allocated to a CMS file are described as physical extents in the zSecure Collect output file. The number of file extents supported is limited to 4096.

Severity

08

CKV messages from 400 to 499

CKV410I **Cannot read VTOC, CMS Directory, or Catalog on class G userid**

Explanation

A Class BE user ID is required for CKVECOLL.

Severity

08

CKV420I **Cannot link or attach disk *vdev* of userid *userid***

Explanation

The **CP LINK** or **ATTACH** command for a disk of a user specified with the **GUEST** command failed. The corresponding CP message is printed to the SYSPRINT file.

Severity

04

CKV messages from 700 to 799

CKV700I ***Module*** **internal error:** ***description***

Explanation

The indicated program module is in an unexpected state. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV711I **Diagnose E4 error code** ***rc*** **for VDEV** ***vdevno***

Explanation

A diagnose X'E4' request for the indicated virtual device failed. The information collected for this device is incomplete.

Severity

08

CKV712I **Disk type** ***device type*** **not supported**

Explanation

The indicated disk type is not currently supported. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV713I **CMS CDF format not supported**

Explanation

The CMS Conventional Disk Format is not currently supported.

Severity

08

CKV714I **Unrecognized volume label:** ***char string*** **(*hex string*)**

Explanation

The indicated volume label was not recognized. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV715I **Error in file directory (*count* FSTs not read)**

Explanation

The indicated number of File Status Table entries could not be processed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV716I **Error in VTOC: missing format-4 DSCB**

Explanation

The first required format-4 DSCB was not found. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV717I **Multiple catalogs per volume not supported**

Explanation

A volume must not contain more than one VSAM catalog. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

08

CKV718I **Warning: horizontal extension ptr = *hex***

Explanation

A horizontal extension was not expected here. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

04

CKV messages from 800 to 899

CKV826I ***statement* statement without preceding USER statement**

Explanation

A syntax error or unsupported construction in the directory was detected. The word *statement* in this message can be `ACIGROUP` or `CLASS`. This message is only issued when `REPORT DIRECTORY` has been specified.

Severity

00

CKV874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKV875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The BDW (Block Descriptor Word) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

Chapter 8. CKX messages

The CKX messages are written by several programs:

CKX
The Command Execution Utility program

CKXLOG
The zSecure Admin Command Logger

CKXLOGID
The Command Logger Ticket Identification module

The CKX program is used by the IBM Security zSecure Admin, IBM Security zSecure Audit, and IBM Security zSecure Visual, and IBM Security zSecure Manager for RACF z/VM programs.

Some CKX messages are written to the CKXDEBUG file. To allocate the CKXDEBUG file in the ISPF user interface, set the **Collect CKX diagnostic information** option in SETUP TRACE (SE.T). Afterwards, you can use the CKXDEBUG primary command to review the messages that the CKX program writes. The CKXLOG program runs as a started task; its CKXDEBUG file must be pre-allocated through JCL.

The CKX messages have a message prefix in the form CKX*nnna* where *nnna* is a message number with qualifier. The CKXLOG and CKXLOGID programs use the following severity level codes:

I
Informational message.

W
Warning message: the task continues, but an error occurred.

E
Error message: the task might either end immediately or attempt to continue.

S
Severe error message.

A
Action message: operator action is needed to correct the situation.

Messages that the CKX program issues also have a numeric severity code that follows the message prefix. The CKX program returns the highest severity code that is encountered as the completion code. This can be summarized as follows:

0
All commands completed successfully RC=0, or no commands found.

4
All commands completed, but at least one command had 0<RC<=4 (message 962G or 962M written).

8
All commands completed, but at least one command had RC>4 (message 962F or 962I written).

10
Terminated by attention (not all commands executed, message 962A written).

12
At least one command abended - all commands attempted unless attention was pressed (message 962V or 962C written).

16
IKJEFTSR error or ATTACH error or command not found (message 962B, 962E, 962L, 962P, 962S, 962T, 962U, 962W, 962X, or 962Y written).

20
No applicable TSO or CMS environment (message 962I written).

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CKX messages from 0 to 99

CKX000I **ISPF operation CKRDSETR=*value* CKROSETT=*token* CKRSECN=*zsecnode* CKRRRSF=*rrsfnode* CKRNJE=*njenode***

Explanation

This message indicates that CKX was running as an ISPF application and obtained the command routing setting from ISPF variable CKRDSETR and the server token from CKROSETT.

Severity

00

CKX001I **LMINIT failed - *error message***

Explanation

This message indicates that the ISPF LMINIT service used to prepare for browsing the command output failed with the indicated ISPF long message.

User response

Look up ISPF guidance on the message.

Severity

12

CKX002I **CMSCALL BROWSE failed RC=*nn***

Explanation

This message indicates that the attempt to browse the command output under CMS failed with the indicated CMSCALL return code.

Severity

12

CKX003I **Normal defaults to AT(node,.user)**

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX004I **Normal defaults to ZSECNODE=**

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX005I **Normal defaults to local only**

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX006I **Local mode selected**

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL. In this case the command route was selected because CKRDSETR was not set to ASK or LOCAL.

Severity

00

CKX007I **Destination redirected to Local system**

Explanation

This message indicates that command routing was ASK but no server communication was possible; therefore, it defaults to LOCAL. This message is written only if not running as an ISPF application. If running as an ISPF application, ISPF message CKR872 is displayed instead.

Severity

04

CKX008I **File input DD=*ddname***

Explanation

This message indicates that a DD instruction was recognized and commands will be read from the indicated file name.

Severity

00

CKX009I Normal defaults to NJENODE=

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX010I Normal means local only

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX011I Normal means AT(node,.user)

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX012I Normal means ZSECNODE=

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX013I Normal means NJENODE=

Explanation

This is a diagnostic message to explain what command route was selected for NORMAL.

Severity

00

CKX014I There is no server active with SERVERTOKEN=

Explanation

This message indicates that no server was found with the indicated server token. The severity is 0 if running under ISPF. In that case, ISPF message CKR870 is displayed.

Severity

00 or 04

CKX015I Client connection to server failed RC=

Explanation

This message indicates that a server token was found but the server could not be connected. The severity is 0 if running under ISPF. In that case, ISPF message CKR871 is displayed.

Severity

00 or 04

CKX016I NORMSEL=*s* Normal destination is *node*

Explanation

This is a diagnostic message to document what decision was made regarding the normal destination.

Severity

00

CKX017I Normal means local

Explanation

This is a diagnostic message to document that the normal path turned out to be the local system.

Severity

00

CKX018I CMSCALL EXECIO failed RC=*nn*

Explanation

This message indicates that the attempt to create an empty RACF DATA A file using EXECIO under CMS failed with the indicated CMSCALL return code.

Severity

12

CKX messages from 100 to 199

CKX100A **zSecure Admin Command Logger inactive**

Explanation:
The zSecure Admin Command Logger started task stopped.

CKX101E **Error return code from CKXCLEAN *retcode***

Explanation:
This message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem record and provide the complete list of error messages.

CKX102W **FRR routine invoked for ABEND *xxx***

Explanation:
An ABEND occurred in the CKXPCRTN module that is used as interface between the command intercept and the log stream writer. The ABEND was recovered and execution continued.

CKX103E **IKJSCAN retcode=*retcode***

Explanation:
An unexpected error occurred during processing the CKXPARM statements. The program stops.

CKX104I **Received STOP command**

Explanation:
This message is issued in response to the operator STOP command.

CKX105I **Received command *command-string***

Explanation:
This message is issued in response to the operator MODIFY command.

CKX106I **Received STOP command**

Explanation:
This message is issued in response to the operator MODIFY command to STOP the CKXLOG started task. A normal stop is performed, allowing reuse of system resources.

CKX107I **Received SIPL command**

Explanation:
This message is issued in response to the operator MODIFY command to STOP the CKXLOG started task using total removal mode. Program cleanup also removes the CKXC control block in ECSA and the pointer to it. This results in loss of the system LX that was used for the current instance of the started task.

CKX108E **Crashing without ESTAEX**

Explanation:
The CRSH command is processing. The CRSH command is intended only for IBM internal testing purposes.

CKX109E **CKXLOG must run as started task**

Explanation:
The zSecure Admin Command Logger program (CKXLOG) must run as a started task. Running these programs as part of a batch job is not supported. Execution is terminated.

CKX110E **Error return from IEANTDL, RC=*retcode***

Explanation:
The IEANTDL service failed with a return code *retcode*.

User response:
Restart the task with the debug option. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the output of the started task.

CKX111I **Removed Active Name/Token Pair**

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX112I **IEAVRLS RC=*retcode***

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX113E **Error return from IFAEDDRG, RC=*retcode***

Explanation:
A problem occurred with the deregistration during the termination of the program.

User response:
This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX114I **IFAEDDRG for *product-name* succeeded**

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX115I **Purge Latch Set token *latchsettoken***

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX116I **Return from purge latch set, RC=*retcode***

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX117E **IEAVRLS parse_client RC=*retcode***

Explanation:
This message might be issued during program termination. When issued as message CKX117E, releasing the client task failed. See also message CKX117I.

User response:
The CKX117E message indicates a problem. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX117I **IEAVRLS parse_client RC=*retcode***

Explanation:
This message might be issued during program termination. When issued as message CKX117I, it indicates that a request to write a log-record was being processed during termination. See also message CKX117E.

User response:
Although this message is not normally issued, it does not necessarily indicate an error. Only when it occurs during every regular CKXLOG shutdown, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX118E **IEAVRLS parse_task RC=*retcode***

Explanation:
This message might be issued during program termination. When issued as message CKX118E, releasing a subtask failed. See also message CKX118I.

User response:
The CKX118E message indicates a problem. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX118I **IEAVRLS parse_task RC=*retcode***

Explanation:
This message might be issued during program termination. When issued as message CKX118I, it indicates that a request to write a log-record was being processed during termination. See also message CKX118E.

User response:
Although this message is not normally issued, it does not necessarily indicate an error. Only when it occurs during every regular CKXLOG shutdown, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX119I **Use model logstream *LSModel***

Explanation:
During initialization, it was found that the specified log stream was not defined. The CKXLOG started task attempts to define it using the indicated *LSModel* as model for the actual log stream.

CKX120W **Unknown command**

Explanation:
The operator command shown in message CKX105I was not recognized as a valid operator command for the product.

User response:
Verify the correct syntax and spelling of the command you were trying to issue.

CKX121E **Task is not APF authorized, exit**

Explanation:
The task is not APF-authorized. APF authorization is required for successful execution.

User response:
Ensure that the library, from which the modules are loaded, is marked as APF-authorized. When using a STEPLIB, ensure that all libraries in the concatenation are APF-authorized.

CKX123E **Error return code from CKXINIT *retcode***

Explanation:
This message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776

to report the problem. Create a problem record and provide the complete list of error messages.

CKX124I Start option FORCE specified

Explanation:
This is an informational message confirming the use of the FORCE keyword as a start option.

CKX125I Start option DEBUG specified

Explanation:
This is an informational message confirming the use of the DEBUG keyword as a start option.

CKX126E Product registration problem, see CKXDEBUG

Explanation:
A problem occurred during registration of the zSecure Admin product.

User response:
Check the detailed error messages in the CKXDEBUG file. Ensure that the appropriate products are not disabled in your IFAPRDxx parmlib member.

CKX127E Product disabled here or install error, see CKXDEBUG

Explanation:
A problem occurred during registration of the zSecure Admin product.

User response:
Check the detailed error messages in the CKXDEBUG file. Ensure that the appropriate products are not disabled in your IFAPRDxx parmlib member.

CKX128E Task already active

Explanation:
During the inspection of the environment, the CKXLOG program was found to be already active. The current task is terminated.

User response:
If this message is issued incorrectly (that is, no other instance of CKXLOG is active in the system), you might be able to recover from this situation by using the FORCE startup option. Such a situation could result from the use of the FORCE operator command to stop a previous instance of the task.

CKX129I Force restart

Explanation:
This is an informational message issued during initialization to confirm use of the FORCE option to recover from previous unrecoverable errors. It is issued if the FORCE option was used to bypass a previous 'Incorrect version' or 'Incorrect length' error.

CKX130E Error return code from ESTAEX, RC=*retcode-reascode*

Explanation:
During specification of an abend exit routine, a system error occurred. The error and reason codes were *retcode- reascode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

CKX131I Waiting for subtasks to terminate

Explanation:
During a normal stop of the task, a short waiting period is used to allow the subtasks to stop normally. At the end of the waiting period, the subtasks are terminated.

CKX132E Error attaching command parser, RC=*retcode*

Explanation:
While attaching the subtask that is used to parse and normalize RACF commands, a system error occurred. The ATTACH error code was *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. Create a problem report including the complete error message.

CKX133I Successful attach command parser

Explanation:
This debug only message is issued after successful start of the RACF command parsing subtask.

CKX134E Error attaching expiry routine, RC=*retcode*

Explanation:
While attaching the subtask that is used to expire and remove unused ticket information, a system error occurred. The ATTACH error code was *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. Create a problem report including the complete error message.

CKX135I Successful attach expiry routine

Explanation:
This debug only message is issued after successful start of the ticket expiration subtask.

CKX136E Control Block error, exit

Explanation:
During internal consistency verification, the main control block was found to be corrupted. Because this is detected during the startup, the control block must have been created during a previous execution. This situation should never occur.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You might be able to recover from this situation by using the FORCE keyword on the START command.

CKX137E CKXC Incorrect version

Explanation:
The CKXLOG version as recorded in the CKXC control block during the previous execution of the product does not match the current version of the product. The CKXC control block is not usable. Execution of the current task is terminated.

User response:
This situation is most likely caused by an upgrade of the product code without an appropriate shutdown of the previous instance of the started task. It might also be caused by a destructive overlay of the control block. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It might be possible to recover from this situation via use of the FORCE startup parameter.

CKX138E CKXC Incorrect length

Explanation:
During internal consistency verification, CKXLOG detected an incorrect length of the CKXC control block. The CKXC control block is not usable. Execution of the current task is terminated.

User response:
This situation is most likely caused by an upgrade of the product code without an appropriate shutdown of the previous instance of the started task. It might also be caused by a destructive overlay of the control block. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. It might be possible to recover from this situation via use of the FORCE startup parameter.

CKX139I Previous execution detected

Explanation:
This is an informational message that the CKXLOG program has detected that it has run before since IPL of the system. It indicates that some resources are reused from that previous execution. This pertains mainly to the common communications area and the Linkage Index (LX).

CKX140I Reuse CKXC area at *address*

Explanation:
This debug only message is issued to provide the address of the common communications control block (C2PC) that is reused from a previous instance of the started task.

CKX141W Improper shutdown detected, attempting cleanup

Explanation:
The last instance of the started task that initialized the C2PC control block was not able to mark its termination in the C2PC control block. This is probably caused by a program error, or failure to use the STOP command to terminate the previous instance of the task.

CKX142I Obtained CKXC storage at *address*

Explanation:
This debug only message is issued to provide the address of the new common communication control block (CKXC) that is created.

CKX143E Error return from IEANTCR, RC=*retcode*

Explanation:
An error occurred during creation of the Named Token that is used as anchor for the Common Communication Control Block (CKXC). The error return code is *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the retcode. You might be able to recover from this situation via use of the FORCE startup parameter.

CKX144E Error return from IEANTRT, RC=*retcode*

Explanation:
An error occurred during retrieval of the Named Token that is used as anchor for the Common Communication Control Block (CKXC). The error return code is *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support"

on page 776 to report the problem. Create an error report including the retcode. You might be able to recover from this situation via use of the FORCE startup parameter.

CKX145E Internal error, terminate

Explanation:
An unspecified error occurred during retrieval of the Named Token that is used as anchor for the Common Communication Control Block (CKXC).

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You might be able to recover from this situation via use of the FORCE startup parameter.

CKX146E Error return from IKJTSOEV RC=*retcode*

Explanation:
An error occurred during initialization of the TSO environment necessary for command interpretation and execution. The error return code is *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the retcode.

CKX147I TRANSWAP done

Explanation:
This debug only message informs of a successful transition of the product's task to non-swappable. This is required for allowing cross memory services.

CKX148I Need a new LX

Explanation:
This debug only message indicates that no previous LX was found. A new system Linkage Index (LX) will be allocated. System LX is a non-reclaimable critical system resource and may be issued only once. A new System LX is needed during the first start after a system IPL. The new System LX will be saved for future reuse by subsequent instances of the started task.

CKX149I Obtained LX *lxnum*

Explanation:
This debug only message provides the number of the new system Linkage Index (LX) that was allocated. It is saved for future reuse by subsequent instances of the started task.

CKX150I Found existing LX

Explanation:
This debug only message indicates that an LX was found from a previous instance of the started task. The existing system Linkage Index (LX) is reused. System LX is a non-reclaimable critical system resource and can be issued only once.

CKX151I LX was *lxnum*

Explanation:
This debug only message provides the number of the existing system Linkage Index (LX) that is used. It is a logical continuation of message CKX150I.

CKX152I Need a new ET

Explanation:
This debug only message can be issued during initialization to indicate that a new Entry Table (ET) is created, which contains the Program Call definitions. The Entry Table is returned to the system when the task ends.

CKX153I Obtained ET token

Explanation:
This debug only message provides the token for the Entry Table (ET) that was created.

CKX154I Found existing ET

Explanation:
This debug only message can be issued if an existing Entry Table (ET) was found during initialization. The existing ET is reused. This message should not occur, because the Entry Table is returned to the system at normal task termination.

CKX155I ET was *etnum*

Explanation:
This debug only message provides the token for the Entry Table (ET) that was found from a previous instance of the started task. This message is a logical continuation of message CKX154I.

CKX156I Create latch set of *nn* latches

Explanation:
This debug only message is issued as progress indicator for the program startup process.

CKX157I Latch set create RC=*retcode*

Explanation:
This debug only message shows the return code from the latch set create service.

CKX158I Latch set token =*latchsettoken*

Explanation:
This debug only message shows the generated token for the latch set.

CKX159E **Error return from IEANTCR, RC=*retcode***

Explanation:
An error occurred during creation of the Named Token that is used to provide information for the command-issuing applications. The error return code is *retcode*. The program terminates.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the retcode. You might be able to recover from this situation via use of the FORCE startup parameter.

CKX160I **Connect to logstream, RC=*retcode***

Explanation:
This debug only message shows the return code from the system service to connect to the log stream.

CKX161I **Logstream *LSname* not defined, try create**

Explanation:
This message is issued when the indicated log stream does not exist. The CKXLOG program continues with defining the log stream based on the model log stream.

CKX162I **Define *Comm_LSname* RC=*retcode***

Explanation:
This debug only message shows the return code from the system service to define the new log stream, based on the model log stream.

CKX163I **Retry connect after define**

Explanation:
This debug only message shows progress connecting to the specified log stream.

CKX164I **Connect to logstream, RC=*retcode***

Explanation:
This debug only message shows the return code from the system service to connect to the just-defined log stream.

CKX165E **Connect after define failed, RC=*retcode-reascode***

Explanation:
The connect to the newly defined log stream fails with an unexpected *retcode*. The program terminates.

User response:
To determine the reason for the error, check the "Return and reason codes" section for IXGCONN in *z/OS MVS Programming: Assembler Services Reference, Volume 2 (IAR-XCT)*.

CKX166E **Define *LSName* failed, MODEL logstream not defined**

Explanation:
This message is issued when the definition of the indicated log stream failed because the specified or defaulted model log stream does not exist. The program terminates.

CKX167E **Define *LSName* failed, RC=*retcode-reascode***

Explanation:
An unexpected error occurred during defining of log stream *LSName*. The program terminates.

User response:
To determine the reason for the error, check the "Return and reason codes" section for IXGINVNT in *z/OS MVS Programming: Assembler Services Reference, Volume 2 (IAR-XCT)*.

CKX168I **Start of cleanup previous execution**

Explanation:
During initialization, a previous instance of the started task was detected. This debug only message indicates that possible residual data of a previous instance is being removed.

CKX169E **Error return from IEANTDL, RC=*retcode***

Explanation:
This message might be issued during cleanup of a previous instance of the program. It indicates an unexpected error in removing a residual Name Token.

User response:
Restart the task with the debug option. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the output of the started task.

CKX170I **Removed non-persistent NT**

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX171I **Removed PC-Routine Address**

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX172I **Made task swappable again**

Explanation:

This debug only message is issued as progress indicator for the program cleanup process.

CKX173I Found existing ET *etnum*

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX174I ET destroyed

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX175I No ET found, next

Explanation:
This debug only message is issued as progress indicator for the program cleanup process.

CKX176I Disconnect from logstream, RC=*retcode-rsncode*

Explanation:
This debug only message is issued as progress indicator for the program cleanup process. Normally, both *retcode* and *rsncode* are 0.

CKX177I Special (Total) cleanup mode

Explanation:
This informational message shows that a complete shutdown of the CKXLOG program is being done. All resources are released, which includes some non-reusable system resources. Usually, this is only done when processing the SIPL command in preparation for a software release migration.

CKX178I zSecure Admin Command Logger release initialization successful

Explanation:
This informational message shows that initialization of release release of the zSecure Admin Command Logger has completed. The program is now ready to log records to the CKXLOG log stream.

CKX179I Delete N/T

Explanation:
This debug only message is issued as progress indicator for the 'total' cleanup process.

CKX180E Error return from IEANTDL, RC=*retcode*

Explanation:
An unexpected error occurred during deletion of a named token during the 'total' cleanup process. Program cleanup continues.

CKX181I Freemain CKXC

Explanation:
This debug only message is issued as progress indicator for the 'total' cleanup process.

CKX182E Incorrect length of CKXC, attempt free

Explanation:
During the 'total' cleanup process, the storage for the main communication control block is returned to the system. However, the internal length field does not match that of the current version of the code. The program uses the internal length to free storage. This might ABEND.

User response:
Most often, this is caused by changing the release of the CKXLOG program code without a proper SIPL of the previous instance of the CKXLOG started task. Verify that you are using the correct version of the code and that you followed the documented migration procedure.

CKX183E Impossible length of CKXC

Explanation:
During the 'total' cleanup process, the storage for the main communication control block is returned to the system. However, the internal length field is incorrect. Program cleanup cannot continue.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

CKX184I End of cleanup previous execution

Explanation:
During initialization, a previous instance of the started task was detected. This progress message indicates that removal of all potential data from that previous instance is complete.

CKX185I Ticket expiry timer Loop

Explanation:
This debug only message is issued every minute to mark the start of detecting inactive ticket information.

CKX186I Declare expired

Explanation:
This debug only message is issued to show the information of a ticket that is detected to be inactive and expired. It is followed by a hex dump of the first 4 lines of the internal control block representing the ticket information.

CKX187E Error attaching Expire Timer routine, RC=*retcode*

Explanation:
While attaching the timer task that is used to trigger inspection and removal of inactive ticket information,

a system error occurred. The ATTACH error code was *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete error message.

CKX188I Successful attach Expire Timer routine

Explanation:
This debug only message is issued after successful start of the timer task that triggers the inspection and removal of inactive ticket information.

CKX189I Read from CKXPARM

Explanation:
This debug only message is issued to mark the start of processing the statements in CKXPARM.

CKX190I Start of CKXC

Explanation:
This debug only message indicates that the next 16 lines show the hex dump of the CKXC control block.

CKX191I Base ptr: *address*

Explanation:
This debug only message shows the starting location for the hexadecimal data that is shown in subsequent CKX392I messages.

CKX192I *address : hexdata*

Explanation:
This debug only message shows hexadecimal data that IBM support personnel can use to diagnose problems.

CKX193I Completed processing CKXPARM file

Explanation:
This debug only message is issued to mark the end of processing the statements in CKXPARM.

CKX194E Required ddname CKXPARM not allocated

Explanation:
The CKXPARM ddname is not allocated. The CKXPARM ddname is used for CKXLOG initialization statements.

User response:
See the Installation and Deployment Guide for information about the required ddnames and the contents of the allocated files.

CKX195E Command Logger {User|System} abend ({Dec|Hex}) *abndcode-reascode*

Explanation:
An abend occurred during processing of the CKXLOG started task. For a User abend, the *abndcode* and *reascode* are shown in decimal format. For a System abend, the codes are shown in hex format.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete error message.

CKX196E Cannot perform cleanup

Explanation:
An abend occurred during processing of the CKXLOG started task. The failing task does not contain specific recovery code. The abend exit routine attempted to perform general program cleanup. However, the CKXLOG started task was in an inconsistent state, which prohibits further processing.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX197I Attempting cleanup

Explanation:
An abend occurred during processing of the CKXLOG started task. The failing task does not contain specific recovery code. The abend exit routine starts to perform general program cleanup.

CKX198I Cleanup completed

Explanation:
An abend occurred during processing of the CKXLOG started task. The failing task does not contain specific recovery code. The abend exit routine completed general program cleanup.

CKX199E STACK failed; RC=*retcode*

Explanation:
An unexpected error occurred during manipulation of the command input stack.

User response:
Verify that the required CKQPARM statements were read and processed. You might want to stop and start the CKQLOG started task. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete error message.

CKX messages from 200 to 299

CKX200I ***input_statement***

Explanation:
This debug only message echoes the statement as read from the CKXPARMS ddname.

CKX201I **Command found is *cmdname***

Explanation:
This debug only message shows that the first word of the input statement was determined to be *cmdname*.

CKX202E **Command not recognized, *cmdname***

Explanation:
The first word of the input statement (*cmdname*) was not recognized as a valid input statement.

CKX203E **Invalid parameter, Parse-RC=*retcode***

Explanation:
The input statement did not contain valid keywords and parameters.

CKX204I **No command found (? or /*)**

Explanation:
This debug only message indicates that the input statement did not contain a valid command. It is probably a comment line, or contains a ?, asking for second level help messages.

CKX205E **Command not recognized, scancode=*scan-flag***

Explanation:
The input statement did not start with a valid command.

CKX206E **Error return code from ESTAEX, RC=*retcode-rsncode***

Explanation:
During specification of an abend exit routine, a system error occurred. The error code was *retcode- rsncode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX207I **Activate retry routine at *retry-addr***

Explanation:
An abend occurred during processing of the CKXLOG started task. The failing task contains a specific recovery code. The abend exit routine passes control to the recovery code at address *retry-addr*.

CKX208E **Abend with ESTAEX**

Explanation:
This message indicates that the ABND command is processing. The ABND command is intended only for IBM internal testing purposes.

CKX210I **LSNAME =*lsname_with_symbols***

Explanation:
This debug only message shows the name of the log stream as it is read from the CKXPARMS input file.

CKX211I **LSNAME =*lsname_resolved_symbols***

Explanation:
This debug only message shows the name of the log stream after resolving system symbols. It is the name of the actual log stream that is used.

CKX212I **LSMODEL =*lsmodel_with_symbols***

Explanation:
This debug only message shows the name of the model definition for the log stream as it is read from the CKXPARMS input file.

CKX213I **LSMODEL =*lsmodel_resolved_symbols***

Explanation:
This debug only message shows the name of the model log stream after resolving system symbols. It is the name of the actual model that is used.

CKX214I **Tickets are expired after (HHMM) *HHMM***

Explanation:
This debug only message shows the interval after which inactive ticket information is discarded.

CKX215E **Ticket expiration time invalid *HHMM***

Explanation:
This interval specified in CKXPARMS is invalid. The default value of one (1) hour is used instead.

CKX216E **IXGWRITE Failed, RC=*retcode***

Explanation:
Writing the record to the log stream failed.

User response:
Check the return code of the IXGWRITE service. If this does not point to an obvious error, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX217I **IXGWRITE RC=*retcode***

Explanation:
This debug only message shows the return code of writing the record to the log stream.

CKX218I **IXGWRITE blockid=*blockid***

Explanation:
This debug only message shows the unique block identifier of the record that was just written.

CKX220E **Define *LSName* failed, STRUCTNAME missing on MODEL logstream**

Explanation:
The define of the log stream *LSName* failed because the MODEL log stream was not a DASDONLY log stream, but lacked the specification of the STRUCTNAME.

User response:
Correct the MODEL log stream definition and restart the CKXLOG task.

CKX221E **Coupling Facility STRUCTNAME not defined in CFRM**

Explanation:
The define of the log stream failed because the STRUCTNAME specified on the MODEL log stream was not defined in the Coupling Facility Resource Manager (CFRM) data set

User response:
Correct the LOGR and/or CFRM definitions and restart the CKXLOG task.

CKX222E **No Coupling Facility available for logstream *LSName***

Explanation:
The connect to the log stream *LSName* failed because there was no suitable coupling facility available.

User response:
Check the CFRM definitions and ensure that a suitable coupling facility can be used. Restart the CKXLOG task.

CKX223E **DASDONLY logstream *LSName* cannot be shared in sysplex**

Explanation:
The connect to the log stream *LSName* failed because it was defined as a DASDONLY log stream, and it is already in use in the SYSPLEX.

User response:
Correct the LOGR definitions and the input statements in CKXLOG. Restart the CKXLOG task.

CKX224E **Connect to logstream failed, RC=*retcode-rsncode***

Explanation:
An unexpected error occurred when connecting to the log stream.

User response:
Check the return code of the IXGCONN service. If this does not point to an obvious error, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX225E **Define *LSName* failed, STRUCTNAME not defined in LOGR inventory**

Explanation:
The define of the log stream *LSName* failed because the STRUCTNAME that is specified on the MODEL log stream was not defined in the LOGR inventory.

User response:
Correct the LOGR definitions and restart the CKXLOG task.

CKX226E **No SAF authorization to connect to logstream *LSName***

Explanation:
The CKXLOG started task user ID does not have at least UPDATE access to the *LSName* in the LOGSTRM resource class.

User response:
Grant UPDATE access to the *LSName* in the LOGSTRM resource class and restart the CKXLOG task.

CKX227E **No SAF authorization to define logstream *LSName***

Explanation:
The CKXLOG started task user ID does not have at least ALTER access to the *LSName* in the LOGSTRM resource class.

User response:
Grant ALTER access to the *LSName* in the LOGSTRM resource class and restart the CKXLOG task. For a coupling facility log stream, you might also need to grant UPDATE access to the STRUCTURE defined for the model log stream

CKX messages from 300 to 399

CKX301E **No command to log**

Explanation:
The LOG function was requested, but no command was specified. Command processing is terminated.

CKX302E Command Logger not available

Explanation:
The zSecure Command Logger started task was not active. The requested function was not executed.

CKX304E CKXLOGID must be invoked as a TSO command

Explanation:
The CKXLOGID command cannot be run as a stand alone program. It requires to be invoked as a TSO command. Command processing is terminated.

CKX306I SET option used

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX307I CLEAR option used

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX308I DISPLAY option used

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX309I LOG option used

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX310E Missing function

Explanation:
The function keyword of the CKXLOGID could not be located or was not recognized. Command processing is terminated.

CKX311I ID keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX312W ticket_id truncated

Explanation:
The specified ticket ID without quotation marks is longer than 32 characters. The truncated ticket ID is used.

CKX313W ticket_id truncated

Explanation:
The specified ticket ID within quotation marks is longer than 32 characters. The truncated ticket ID is used.

CKX314E Ticket_ID value missing

Explanation:
The value for the ticket ID could not be located. Command processing is terminated.

CKX315I Ticket_ID entered = *ticket_id*

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX316I Description keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX317W Description truncated

Explanation:
A specified ticket description without quotation marks is longer than 255 characters. The truncated ticket description is used.

CKX318W Description truncated

Explanation:
A specified ticket description within quotation marks is longer than 255 characters. The truncated ticket description is used.

CKX319W Description value missing

Explanation:
The value for the ticket description could not be located. The ticket ID is registered without a ticket description.

CKX320I Description entered = *ticket_description*

Explanation:
This is a DEBUG only message showing trace information about the flow of a request.

CKX321I Command keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX322W Command truncated

Explanation:
A specified command within quotation marks is longer than 32768 characters. The truncated command is used.

CKX323I Command entered = *command*

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX324E Command value missing

Explanation:
The value for the command to be logged could not be located. Command processing is terminated.

CKX325I From keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX326I Node name = *node_name*

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX327E Node name missing

Explanation:
The value of the from node could not be located. The node is the value before the period in the FROM parameter. Command processing is terminated.

CKX328I User name = *user_name*

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX329E User name missing

Explanation:
The value of the from user in the LOG function could not be located. The node is the value following the period in the FROM parameter. Command processing is terminated.

CKX330I Component keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX331I Component = *component_name*

Explanation:
This DEBUG only message shows trace information about the flow of a request. The value for the component name is always CKXLOGID.

CKX332I End of parameter parse

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX333W No ticket identifier set

Explanation:
The DISPLAY or LOG function is used, but the CKXLOG server does not have any value for the ticket ID. For the LOG function, the specified command is logged without any ticket information.

CKX334E Writing command log record failed

Explanation:
The LOG function is used, but the CKXLOG encountered an error while writing the log stream record.

User response:
Inspect the job log of the CKXLOG started task for additional information.

CKX335I Ticket_id is "*id-value*"

Explanation:
This message is the response to the DISPLAY request to show the currently registered ticket information. The *id- value* is shown within double quotation marks, which are not part of the registered value.

CKX336I Ticket_desc is "*desc-value*"

Explanation:
This message is the response to the DISPLAY request to show the currently registered ticket information. The *desc- value* is shown within double quotation marks, which are not part of the registered value.

CKX337I Logstream name is "*lsname*"

Explanation:
This message is the response to the LSNAME request to show the name of the currently used log stream. The *lsname* is shown within double quotation marks, which are not part of the current log stream name.

CKX338E Incorrect parameters, command terminated

Explanation:
Parsing the CKXLOGID command failed. This message is accompanied by other messages showing the invalid parameters. Command processing is terminated.

User response:
Verify that correct parameters and keywords are used.

CKX339I Show LSNAME option

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX340I Retcode keyword

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX341I Specified retcode = *retcode*

Explanation:
This DEBUG only message shows trace information about the flow of a request.

CKX342E Retcode value missing

Explanation:
The value of the return code in the LOG function could not be located. Command processing is terminated.

CKX391I Base ptr: *address*

Explanation:

This DEBUG only message shows the starting location for the hexadecimal data that is shown in subsequent CKX392I messages.

CKX391I **Base ptr: *address***

Explanation:
This DEBUG only message shows the starting location for the hexadecimal data that is shown in subsequent CKX392I messages.

CKX392I **address : hexdata**

Explanation:
This DEBUG only message shows hexadecimal data that IBM support personnel can use to diagnose problems.

CKX messages from 700 to 799

CKX797I **Unsupported call type**

Explanation:
This message indicates a mismatch in an internal API. Verify that the product install and setup ended successfully.

Severity

16

CKX798I **Internal version mismatch**

Explanation:
This message indicates a mismatch in an internal API. Verify that the product install and setup ended successfully.

Severity

16

CKX799I **Internal length mismatch**

Explanation:
This message indicates a mismatch in an internal API. Verify that the product install and setup ended successfully.

Severity

16

CKX messages from 800 to 899

CKX809I ... CKX836I ***message***

Explanation

These messages are in response to debugging options. If you need information about these messages, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

0

CKX837I **IDENTIFY RC=*n* for CKXSRVIN at *address***

Explanation

This message indicates a failure of the IDENTIFY service to establish the indicated module name at the indicated address.

User response

See the MVS documentation for the "IDENTIFY service."

Severity

12

CKX841I **Severe *function* error [*msg*] PC RC=*n* - issuing user abend 841**

Explanation:
While reading from a remote node (SRVIN) or writing to a remote node (SRVOU), the Program Call interface of the server returned an error condition. The *function* can be SRVIN or SRVOU and, optionally, a message type *msg* is included.

User response

Verify that the server is active, then restart the server and try again.

Severity

16

CKX842I **SPECPROC returned length out of range R0=*hexnum* - issuing user abend 842**

Explanation

This message indicates that one of the internal interfaces related to the zSecure Server received an unexpected length and issued an abend.

User response

Look for the message on the IBM support site. If no solution is posted, collect SYSPRINT on both the local and remote sides and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKX843I **FILEDATA=RECORD record *recno* has *bytes* bytes (hex), exceeding *max_bytes* bytes; closing file *ddname path***

Explanation

This message indicates record *recno* of UNIX file *path* in FILEDATA=RECORD format has *bytes* bytes. This value exceeds the maximum allowed number of bytes: *max_bytes*. This indicates that the file is corrupted. Consequently, no attempt is made to read further records from the file. The file is closed.

Severity

08

CKX844I **Last FILEDATA=RECORD record truncated by end-of-file *ddname path***

Explanation

This message indicates that an end-of-file was reached for UNIX file *path* in FILEDATA=RECORD format in the middle of a record. This is an indication that the file is corrupted.

Severity

08

CKX845I ***module* CKNSRVIR queue *file* message *type* from *zsecsys* length *length* because waiting on *zsecsys2* file *file2***

Explanation:
This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0

CKX846I ***module* CKNSRVIR return queued *file* message *type* from *zsecsys* length *length***

Explanation:
This message is written only if requested by a `DEBUG CKNSRVIR_POST` statement. If you need information about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0

CKX851I **Local CKNSERVE server no longer available (user abend 214 (x'0D6'))**

Explanation

A program call to the zSecure Server program was attempted while it was performing a termination sequence.

User response

No action is required. If you need assistance about this message, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKX855I **GETPROC *procname* GET (call type *type*) on *ddname* return code *rc* - recovery failed**

Explanation:
This message is issued after a CKR0929 message if the GETPROC procedure requested a retry, and the CLOSE and OPEN were successful, but the next GET failed again. zSecure concludes that recovery failed.

Severity

16

CKX874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKX875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

CKX messages from 900 to 999

CKX900I ***debug message***

Explanation

This debug message is only relevant for IBM Software Support and is not present in any Generally Available version of the software.

Severity

00

CKX907I **DYNALLOC trace: SVC 99 return code *nn* - *meaning***

Explanation

This message is issued because of a failed SVC99 where DAIRFAIL did not return a message text. It has continuation lines detailing the individual text units contents after SVC 99 (DYNALLOC) completion.

Severity

0

CKX915I **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKX919I **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKX923I **Input from a TSO/E terminal is not supported - DD *ddname***

Explanation

Input from a TSO/E terminal in line mode is not supported.

Severity

20

CKX924I **DD *ddname* DSN *dsn* invalid block size: *blksize***

Explanation

After ddname has successfully been OPENed, its DCB must indicate a positive block size unless ddname is a DUMMY device.

Severity

16

CKX925I **Member *member* DDname *ddname* DSname *dsn* Problem description**

Explanation

The program received a non-zero return code from the FIND SVC when trying to locate the indicated member. The problem description on the second line gives the exact nature of the problem.

Severity

16

CKX926I **LOAD of module *module* failed**

Explanation

The program expected the module named to be available. However, it could not be found. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKX929I ***procedure* call type *type* on *ddname* after record *recno* reports: *msg***

Explanation

The specified procedure, used on an ALLOCATE GETPROC= statement, issued a nonzero return code with explanation *msg*. If *msg* contains a C2P message number, check the *IBM Security zSecure Alert: User Reference Manual*. In other cases, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. *recno* indicates the number or records that were successfully obtained.

Severity

08

CKX930I **Block count unequal - information may be missing for *ddname***

Explanation

This message can occur when reading from tape. It indicates that during End Of Volume processing of one or more tapes allocated to the ddname the block count as recorded in the DCB differs from the block count in the trailer label of the tape. The information read may not be complete.

Severity

08

CKX931I ***proc*: Buffer overrun - dln=*destinationlength* sln=*sourcelength*:: *data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the

procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

CKX942I **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

00

CKX944I **UNIX *type* close RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1CLO call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

The *type* can be 'wronly' or 'rdonly'.

Severity

16

CKX945I **UNIX *action* failed RC *nn* [*meaning*] reason *qqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1OPN or BPX1FCT call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

The *action* can be **wronly open**, **fcntl filetag**, or **rdonly open**.

Severity

16

CKX946I **Unix record larger than buffer size *buflength*- split**

Explanation

This message warns that a record that originally was very large is now processed as two separate records.

Severity

04

CKX947I **Reading filedesc *off* failed RC *nn* [*meaning*] reason *qqqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1RED (UNIX read) call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

CKX948I **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

CKX949I **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed but cannot be registered

because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

00

CKX950I **Code not installed here for product code *code***

Explanation

This message indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

CKX951I **system abend *code* (*desc*) trying to load module *module***

Explanation

This message indicates a failure to load a module and the reason. Abend 806 means the module could not be found. Abend 306 may mean that a controlled environment was present and the module to be loaded was not program controlled.

Severity

08

CKX960 ***message***

Explanation

This message is issued by the command-execution module. Refer to the equivalent CKR0960 message.

CKX961 ***message***

Explanation

This message is issued by the command-execution module. Refer to the equivalent CKR0961 message.

CKX962 ***message***

Explanation

This message is issued by the command-execution module. Refer to the equivalent CKR0962 message.

CKX962A **Command terminated by attention**

Explanation

This message is issued by the command-execution module, and indicates a command was terminated by pressing the ATTN key.

Severity

10

CKX962B **Command not supported in background**

Explanation

This message is issued by the command-execution module and indicates a command could not be executed through the TSO service facility. This can be caused, for example, by not including CKGRACF in the TSO authorized command list (AUTHCMD) in PARMLIB member IKJTSOxx. You can activate changes to this member without an IPL by using the TSO PARMLIB command. For more information on the PARMLIB command, see the *TSO/E System Programming Command Reference*.

Severity

16

CKX962C **Command failed *abend code***

Explanation

This message is issued by the command-execution module, and indicates a command ended abnormally with the indicated *abend code*.

Severity

12

CKX962D **Out of memory**

Explanation:
UNIX System Service spawn encountered an out of memory condition.

User response:
Increase REGION (or possibly MEMLIMIT).

Severity

8

CKX962E **Not running in a TSO/E environment**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because command environment was not TSO/E.

Severity

16

CKX962F **Command failed, return code *code* (decimal)**

Explanation

This message is issued by the command-execution module. It indicates that a command was unsuccessful and returned the indicated result *code*. If the message preceding this message is CKG740I, see the explanation of CKG740I. For all other situations, determine the command that was run and check the appropriate manual for possible return codes. For RACF commands, possible return codes are documented in the *RACF Command Language Reference*.

Severity

08

CKX962G **CKGRACF command produced a warning; return code 4**

Explanation

The CKGRACF command was executed successfully but did produce a warning message.

Severity

4

CKX962H **Spawn failed**

Explanation:
UNIX System Service spawn failed.

User response:
Look in the SYSPRINT or CKXPRINT for more details about the exact error condition.

Severity

08

CKX962I **IKJTSOEV module not found**

Explanation

An attempt was made to establish a TSO environment, but the TSO environment initialization routine IKJTSOEV could not be found. Normally IKJTSOEV is in the link list. This will cause return code 20 when encountered as part of an attempt to execute a TSO command, and otherwise 8.

Severity

8

CKX962I **IKJTSOEV return code *xx* reason code *yy* service reason code *zz* (decimal)**

Explanation

This will cause return code 20 when encountered as part of an attempt to execute a TSO command.

Severity

8

CKX962I **SVC 220 return code *hh* (hex) on *command***

Explanation

This will cause return code 20 when encountered as part of an attempt to execute a RACF or CMS command.

Severity

8

CKX962J **TSOXUSS RC=x*nnnnnnnn***

Explanation:
UNIX System Service interface failed with hexadecimal return code *nnnnnnnn*.

Severity

08

CKX962K **Wait failed**

Explanation:
UNIX System Service subprocess wait failed.

Severity

08

CKX962L **Command could not be found in an authorized library.**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the linklist, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

16

CKX962M **Command may have failed, return code *n***

Explanation

This message indicates that a command returned a nonzero return code less than or equal to 4. This message causes a minimum return code of 4. It depends on the command whether this is a partial failure or a warning.

Severity

4

CKX962N **Command not allowed from APF mode - *command***

Explanation

This message is issued by the command-execution module, and indicates that the indicated command is not in the TSO AUTHCMD list and also not in a built-in list of safe commands to be called from an APF authorized program. If the command was requested by yourself, try running it under IKJEFT01 or without APF authorization. If this message is in response to a built-in function, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CKX962O **Command has flushed TSO stack - relogon required to close output trap file**

Explanation

This message is issued by the command-execution module. Generally this means that subsequent command output is not written to the CKRTSPRT file. It may be lost or shown in line mode after leaving zSecure. Depending on the z/OS release, it may be sufficient to leave and reenter ISPF to restore normal behavior. In the worst case, a relogon may be required.

Severity

0

CKX962P **CLIST processing through % not supported**

Explanation

This message is issued by the command-execution module. It indicates an attempt to run a CLIST using the % operator. Execution of CLISTs is not supported.

Severity

16

CKX962Q **Quoting error**

Explanation:
UNIX System Service command parameter quoting is not understood.

Severity

08

CKX962R ***command* not supported for RRSF - command skipped**

Explanation:
command is not one of the RACF commands that are supported for transfer through the RACF Remote Sharing Facility (RRSF). The command is not executed and processing continues with the next command.

Severity

08

CKX962S **IKJEFTSR fails return code *error* reason code *reason***

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed. The command returned the indicated *error* code and *reason* code.

Severity

16

CKX962T **Command failed, ATTACH rc *rc* (decimal)**

Explanation

This message is issued by the command-execution module, and indicates failure to attach a TSO command.

Severity

16

CKX962U **Unauthorized functions cannot be invoked from an authorized environment**

Explanation

This message should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKX962V **No command**

Explanation:
UNIX System Service command is a null string.

Severity

08

CKX962W **Command not found**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because it was not found. Typically, this is an unsuccessful call to the CKGRACF authorized component, which failed because CKGRACF was not part of an authorized library in the linklist, or was not found in an APF-authorized STEPLIB. Check whether the library containing CKGRACF is APF-authorized.

Severity

16

CKX962X **Syntax error in the command name**

Explanation

This message is issued by the command-execution module, and indicates a TSO command could not be executed, because the name was not syntactically correct.

Severity

16

CKX962Y **Authorized commands not supported in dynamic TSO environment - call from IKJEFT01 instead**

Explanation

This is caused by an attempt to issue an APF command from a non-APF non-IKJEFT01 environment. Run CKX from an APF library or from inside IKJEFT01.

Severity

20

CKX969I **I/O error for: *description* [*optional 2nd line of description*] *ddname volser dsn*[(*member*)] [*volser dsn*]...**

Explanation

This message indicates that an I/O error occurred during normal QSAM, BSAM, or BPAM input processing for one of the data sets mentioned. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

The message contains the one or two lines of diagnostic data returned by the DFP SYNADAF call. DFP SYNADAF includes more information about this diagnostic data. It is followed by the DD name and the data set concatenation. For BPAM it will also show a member name in one of those data sets.

Severity

08

CKX973I **IBM Security product code *code* disabled or not installed**

Explanation

This message indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check the active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKX974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product *product* is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKX976I **Code or enablement for product code *code* is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members for enablement information in your z/OS PARMLIB. If the members are specified correctly, contact your system programmer to verify installation.

Severity

16

CKX976I **IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

CKX977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG LICENSE for products that are installed. The *action* can be `registration` or `status`. The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of CKR0979).

Severity

00

CKX978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued in response to DEBUG LICENSE for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

CKX979I **Product code *code* implied by other**

Explanation

This message is issued in response to DEBUG LICENSE for products that are not being registered because

their entitlement is implied by a more encompassing entitlement.

If you are using the IBM Security zSecure Manager for RACF z/VM product, you should not get this message. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

00

CKX991I **Unexpected [*type*|nil] pointer in *procedure* - user abend 991**

Explanation

This message documents an unexpected condition in the program. The program terminates with a user abend 991.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

CKX992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

CKX994I **Last record truncated by end-of-file *ddname***

Explanation

This message indicates that end-of-file was reached for a RECFM=VBS input file in the middle of a multi-segment record.

Severity

16

Chapter 9. CQT messages

This chapter describes the messages issued through module CQTPMSGE of zSecure CICS Toolkit. All messages start with the three letter prefix CQT.

CQT messages from 0 to 99

CQT000 The Toolkit subtasks are not active

Explanation

The zSecure CICS Toolkit subtasks have not been started.

For zSecure CICS Toolkit to access the RACF database, the subtasks must be attached. This normally occurs when CICS is initialized.

Check the CICS startup log for error messages. CQTPLT00 might not have run (check the CICS resource definitions and DFHPLTPI) or, for example, CQTPATCH might not be defined correctly.

The zSecure CICS Toolkit SVC might not be installed correctly; the region might not be authorized to use the SVC (the CICS region's user ID must have READ access to TOOLKIT.SVC in the FACILITY class); the subtask modules (CQTSxxxx) might not be in the CICS steplib (not the DFHRPL); zSecure CICS Toolkit might be disabled via IFAPRDxx in PARMLIB.

CQT001 Program (*program*) not available. Please select a different function

Explanation

The function you have selected failed when zSecure CICS Toolkit tried to give control to module *program*.

Check the CICS PPT definitions that all the zSecure CICS Toolkit programs have been defined, that they are in the RPL, and that they are enabled.

CQT002 Invalid DFLTGRP

Explanation

The DFLTGRP (default group) specified for the user ID does not exist. Specify an existing RACF group.

CQT003 TSQUEUE name not specified

Explanation

The flag for returning output data in a CICS Temporary Storage Queue is set, but no TSQUEUE name has been specified.

Specify a valid TSQUEUE name or do not request output data to be returned in a TSQUEUE.

CQT004 Not authorized for TSQUEUE *tsqueue*.

Explanation

The terminal user does not have sufficient access to manipulate the specified TSQUEUE. Check the CICS log for additional information.

CQT006 You have not performed a valid RACF signon

Explanation

A valid signon in the CICS region using a RACF USERID has not been performed.

To use any of the zSecure CICS Toolkit functions, you must first perform a signon using a valid RACF USERID.

If you have performed a valid signon and receive this message, take a transaction dump and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

CQT007 Unable to load CQTPCNTL. Check the CICS resource definitions

Explanation

An error was detected while trying to load CQTPCNTL.

Check the CICS resource definitions for CQTPCNTL and verify that the module is defined and enabled. Also verify that it is available via DFHRPL.

CQT008 Commarea address/length is zero

Explanation

The commarea address or length passed to zSecure CICS Toolkit is zero.

When zSecure CICS Toolkit is being invoked by the API, or on a second or subsequent invocation of

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RTMM, a commarea is required. If zSecure CICS Toolkit is being invoked from the API, check that the application program is passing a valid commarea. If this is occurring on a subsequent invocation of RTMM, use CEDF to determine if a commarea is being passed and if not, what might be causing the error (such as a storage problem). If the problem persists, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CQT009 Enter userid to be updated

Explanation

Enter the user ID you want to alter. This must be a valid RACF user ID that you have authority to access.

Access to the user ID is based on that user ID's default group. You must have access to AUSR.*dfltgrp* (where *dfltgrp* is the default group of the user ID).

CQT010 Invalid authority. Must be U (Use); C (Create); N (Connect); J(Join)

Explanation

The type of authority you have specified is incorrect.

You must specify *U, C, N* or *J*.

CQT011 You are not authorised to connect users to this group *RC CONN.grpname*

Explanation

You have specified a group for which you do not have access. The *RC* is the RACF return code from checking access to CONN.*grpname*

You must have access to CONN.*grpname* (where *grpname* is the name of the group).

CQT012 Invalid group name

Explanation

A group name has not been entered.

A group name must be entered to complete the function. Enter a valid group name.

CQT013 SPECIAL operand must be Y or N

Explanation

The specification for SPECIAL is invalid.

The only valid entry for this field is Y or N.

CQT014 OPERATIONS operand must be Y or N

Explanation

The specification for OPERATIONS is invalid.

The only valid entry for this field is Y or *N*.

CQT015 PF1=Toggle 3=Chgopts ENTER=Next CLEAR=Main Menu

Explanation

Informational message.

Press PF03 to change search options, press ENTER to display the next profile, or press CLEAR to go to the main menu.

CQT016 Enter userid and group name

Explanation

You have selected a function that requires a USERID and GROUP name.

Enter the USERID and GROUP name as requested.

CQT017 You are not authorized to remove users from this group *RC REMV.grpname*

Explanation

You have specified a group for which you do not have access. The *RC* is the RACF return code from checking access to REMV.*grpname*.

You must have access to REMV.*grpname* (where *grpname* is the name of the group).

CQT018 Enter userid

Explanation

You have selected a function that requires a USERID.

Enter a valid USERID.

CQT019 Definition of user profile failed. Inform data security

Explanation

An error occurred during ADDUSER.

When trying to add a user to the RACF database, zSecure CICS Toolkit detected an error condition. Report this to the Data Security Administrator. There might be problems with the RACF database.

CQT020 Enter details of user to be added.

Explanation

You have selected the ADDUSER function.

Enter the relevant information about the user that is to be added.

CQT021 **Invalid userid. Must be letters, numbers, #, $ or @**

Explanation

The user ID you have entered is invalid.

The user ID must conform to RACF naming conventions and must consist entirely of letters, numbers or the national characters #, $ or @.

CQT022 **Invalid name. Must be letters, numbers, #, $ or @**

Explanation

The name you have entered is not valid.

The name must contain at least one character.

CQT023 **Day indicator must be Y or N**

Explanation

The specifications for days of access is incorrect.

When specifying which days the user may access the system, you must enter Y, for days of the week the user may access the system, or N. Anything else is not valid.

CQT024 **FROM and TILL times must BOTH be 0000, or range from 0001 thru 2359**

Explanation

The times specified are incorrect.

When specifying the time of day the user may be logged on, both the FROM and TILL time must be between 0001 (midnight) and 2359 (11:59 p.m.). The special value 0000 is accepted to indicate no logon time limitations.

CQT025 **Invalid group. must be letters, numbers, #, $ or @**

Explanation

The group name you have entered is not valid.

The group name must conform to RACF naming conventions and must consist entirely of letters, numbers or the national characters #, $ or @.

CQT026 **You are not authorised to add users to this group**

Explanation

You have specified a group for which you do not have access.

You must have access to ADUS.*dfltgrp* (where *dfltgrp* is the name of the group).

CQT027 **Invalid authority. must be U (Use) or C (Create). Please re-enter**

Explanation

The authority for this user is not valid.

When specifying the authority of this user for the default group, you must enter U or C. Anything else is not valid.

CQT028 **RACRF=*safreturn* RACR0=*safreason* RF=*rr* R0=*re* RSC = (*resclass*) LAST = (*last_res*)**

Explanation

zSecure CICS Toolkit has determined that you are not authorized to **any** functions.

The transaction has checked which zSecure CICS Toolkit functions you are authorized to use and has determined that you are not allowed to use any of them. If you are supposed to have access to zSecure CICS Toolkit functions, contact your Data Security administrator.

zSecure CICS Toolkit issues a RACROUTE REQUEST=FASTAUTH to check authorization and the response was as follows:

```
RACRF  = The SAF return code in register 15
RACR0  = The SAF reason code in register 0
RF     = The RACF return code in register 15
R0     = The RACF reason code in register 0
RSC    = The RACF resource class used in the
         RACROUTE
LAST   = The last resource name checked
```

You can use the return codes and reason code to help determine why you are not authorized to use any zSecure CICS Toolkit functions. If you are authorized to use the RCHK transaction (the default name for the zSecure CICS Toolkit verification program), you can execute this transaction to verify the installation of zSecure CICS Toolkit. Press PF1 while in the RCHK transaction to display the zSecure CICS Toolkit function definitions and the SAF/RACF return/reason codes for your user ID for each of the definitions.

CQT029 **Enter userid/group name and resource**

Explanation

You must enter the USERID or GROUP you want to PERMIT and the RESOURCE you want to permit the user or group to use.

CQT030 **Create temporary ACEE failed. RC=*xxxx-xxxx-xxxx***

Explanation

The RACROUTE REQUEST=VERIFY to create the ACEE for the specified user and group failed with the indicated return code. The three fields in the RC represent the SAF return code, the RACF return code, and the RACF reason code. See the z/OS *Security Server RACF RACROUTE Macro Reference* for the explanation of these values.

CQT031 **Call to IRRPNL00 failed. RC=*xxxx-xxxx***

Explanation

The IRRPNL00 function used to list the authorized profiles failed with the indicated return code. The two fields in the RC represent the RACF return code and the RACF reason code. See the z/OS *Security Server RACF Macros and Interfaces* manual for the explanation of these values.

CQT033 **Invalid seclevel**

Explanation

The SECLEVEL as entered on the ADDUSER screen does not correspond to a member defined in the SECLEVEL profile in the SECDATA resource class. Adding an undefined SECLEVEL is not possible.

CQT034 **An ID must be entered if not doing a search**

Explanation

A profile name is required.

If you are not performing a search (by pressing PF11) you must enter a profile name that is to be listed (for example, GROUP or DATASET name).

CQT035 **Invalid dataset name**

Explanation

A data set name is required.

If you are not performing a search (by pressing PF11) you must enter a data set name that is to be listed.

CQT036 **A userid must be entered if not doing a search**

Explanation

A user ID is required.

If you are not performing a search (by pressing PF11), you must enter a user ID name that is to be listed.

CQT037 **Invalid userid**

Explanation

A user ID is required.

If you are not performing a search (by pressing PF11), you must enter a user ID that is to be listed.

CQT038 **Userid or password/phrase is missing or invalid**

Explanation

The API is being used to verify a USERID using a PASSWORD or PHRASE. Either the USERID, the PASSWORD, or the PHRASE is missing. This message is also issued if the PHRASE or NEWPHRASE has a length from 1 to 8.

User response:
Correct the error and retry.

CQT039 **Unable to locate userid**

Explanation

The USERID was not found in RACF.

zSecure CICS Toolkit was unable to locate the specified USERID in RACF. Verify that the USERID you are entering is valid and has not been deleted.

CQT040 **You are not authorised for this userid. Default group is invalid**

Explanation

A default group for this USERID could not be found.

zSecure CICS Toolkit requires a default group for the user in order to verify authority to access the user ID. No default group was found in this user's profile. Report the error to your Data Security administrator.

CQT041 **A userid has to be entered**

Explanation

A USERID is required.

You are required to enter a user ID for this function. Enter a valid user ID.

CQT042 **You are not authorised for this userid**

Explanation

You do not have authority to this USERID.

Access to the user ID is based on that user ID's default group. You must have access to LUSR.*dfltgrp* (where *dfltgrp* is the default group of the user ID).

CQT043 Unable to resume this userid

Explanation

An error occurred during the RESUME function.

zSecure CICS Toolkit encountered an error while trying to RESUME this user. Inform your Data Security administrator because there might be an error on the RACF database.

CQT044 Unable to update CLAUTH field. User may already have authority.

Explanation

The update to the CLAUTH field failed.

An error occurred while trying to update the CLAUTH field. The user might already have authority to this class or the class might not be defined to RACF. Contact your Data Security administrator for further information.

CQT045 Unable to update NOCLAUTH field. User may not be defined to this class.

Explanation

The update to the NOCLAUTH field failed.

An error occurred while trying to update the NOCLAUTH field. The user might not have authority to this class or the class might not be defined to RACF. Contact your Data Security administrator for further information.

CQT046 Unable to write SMF record RC=*rc*

Explanation

An error was detected when writing to the SMF dataset.

Whenever zSecure CICS Toolkit makes an update to the RACF database it writes an SMF record to that effect. An error has occurred that prevented the SMF records from being written. Check that the SMF data sets are not full or that some other type of problem does not exist. The update to the RACF database will have been performed successfully.

CQT047 Unable to alter *profile_field*

Explanation

An error was detected during an ALTUSER function.

zSecure CICS Toolkit detected an error when altering a user's profile. The field in the profile that was being altered is indicated by *profile_field* (for example, LOGTIME). Inform your Data Security administrator and check the user's profile for errors.

CQT048 Unable to load CQTPCNTL, exit. Check CICS resource definition

Explanation

zSecure CICS Toolkit was unable to load the installation options module CQTPCNTL.

CQTPCNTL contains control information that zSecure CICS Toolkit requires. If it cannot be loaded, zSecure CICS Toolkit cannot function correctly. Check the CICS resource definition and ensure that the modules is defined correctly and is available via DFHRPL.

CQT049 Invalid RSRCLASS was defined in CQTPCNTL. Subtasks not loaded

Explanation

The RSRCLASS as specified in the CQTPCNTL parameter module was incorrect.

The RSRCLASS must be a resource class used by this CICS system. Examples of these are TCICSTRN, PCICSPSB and MCICSPPT.

CQT050 Unable to link CQTPATCH, exit. Check CICS resource definition

Explanation

zSecure CICS Toolkit was unable to link to CQTPATCH.

CQTPATCH is the module that loads the zSecure CICS Toolkit subtasks. If the subtasks are not attached zSecure CICS Toolkit will not function. Check the CICS resource definitions, and ensure that the module is defined correctly and is available via DFHRPL.

CQT051 Subtasks detached

Explanation

You requested a stop of the zSecure CICS Toolkit subtasks. This message indicates that the CQTPDTCH program returned successfully.

CQT052 Subtasks attached

Explanation

You requested a start of the zSecure CICS Toolkit subtasks. This message indicates that the CQTPLT00 program returned successfully.

CQT053 **Subtasks already active**

Explanation

You requested a start of the zSecure CICS Toolkit subtasks, but the status flags in module CQTPAPRM indicated that the subtasks were still active. If you need to restart a single subtask, you first need to stop all subtasks before attempting another start.

CQT054 **Unable to locate owner id (GROUP or USER)**

Explanation

The owner ID is invalid.

The ID you have specified as owner cannot be located on the RACF database. Enter a new owner ID (the owner can be a USERID or GROUP name).

CQT055 **Unable to locate group name**

Explanation

The group name is invalid.

The group name you have specified could not be located on the RACF database. Enter a new group name.

CQT056 **Press PF5 to complete the function**

Explanation

zSecure CICS Toolkit is ready to complete the function.

All the access checks and edits have been completed and no errors have been found. Pressing PF05 will implement the update.

CQT057 **Connect failed. Inform data security**

Explanation

Error as indicated.

Inform your Data Security administrator. Check for RACF database errors.

CQT058 **Update of group profile failed. Inform data security**

Explanation

Error as indicated.

Inform your Data Security administrator. Check for RACF database errors.

CQT059 **Update of user profile failed. Inform data security**

Explanation

Error as indicated.

Inform your Data Security administrator. Check for RACF database errors.

CQT060 **User has been connected to the group**

Explanation

The CONNECT has been completed.

The USERID has been successfully CONNECTed to the group.

CQT061 **A GROUP name has to be entered**

Explanation

You did not enter a group name.

Enter a valid group name.

CQT062 **OWNER is invalid**

Explanation

You did not enter an owner id.

Enter a valid owner id. This can be a USERID or GROUP name.

CQT063 **No entries for this profile**

Explanation

No profiles matched the search criteria.

After performing a search, zSecure CICS Toolkit was unable to locate any profiles that matched your search criteria.

CQT064 **End of entries matching this criteria**

Explanation

No more profiles were found.

There are no more profiles on the RACF database that match the search criteria that you specified.

CQT065 **User still connected to groups other than default group**

Explanation

The user is still connected to multiple groups.

Before you can delete a user, it has to be removed from all groups except the default group. This user is still connected to other groups.

CQT066 **You may not remove a user from their default group**

Explanation

The group you specified is the users default group.

It is not possible to remove a user from its default group.

CQT067 **Deletion of CONNECT GROUP failed. Inform data security**

Explanation

Error as indicated.

Inform your Data Security administrator. Check for RACF database errors.

CQT068 **Delete of USER profile failed. Inform data security**

Explanation

Error as indicated.

Inform your Data Security administrator. Check for RACF database errors.

CQT069 **User has been deleted**

Explanation

The DELUSER function has completed.

The specified USERID has been deleted from the RACF database.

CQT070 **User has been removed from group**

Explanation

The REMOVE function has completed.

The USER has been removed from the specified GROUP.

CQT071 **Definition of CONNECT GROUP failed. User may already be connected**

Explanation

An error occurred trying to connect the user.

The user is probably already connected to the specified group.

CQT072 **User has been defined**

Explanation

The ADDUSER function has completed.

The specified USERID has bee added to the RACF database.

CQT073 **The zSecure CICS Toolkit subtask has abended. Check the CICS log**

Explanation

One of the zSecure CICS Toolkit subtasks has abnormally ended (abended).

An abend has occurred in a zSecure CICS Toolkit subtask. Check the log and have all available documentation available for problem determination. The subtasks can be detached and restarted by invoking the provided RTST transaction.

CQT074 **Command completed successfully**

Explanation

The requested function has completed and no errors were detected.

CQT075 **You are not authorised for this resource**

Explanation

You do not have authority for this resource.

In order to permit a user/group to a resource, you must first have access to that resource yourself. Contact your security administrator so that you can be given access to the resource.

CQT076 **A resource name has to be defined**

Explanation

You must enter the resource name in order to complete the function.

Enter a valid resource name.

CQT077 **PERMIT failed. User already has access or resource not defined to RACF**

Explanation

The attempt to permit the user to the resource failed. Check that the resources is defined to RACF and that the user is not currently in the access list.

CQT078 **DELETE failed. User not in access list or resource not defined to RACF**

Explanation

The attempt to remove the user from the resource failed. Check that the resource is defined to RACF and that the user is in the access list.

CQT080 **Specified entry does not exist or no subsequent entries 15=0C**

Explanation

No matching profile found on the RACF database.

If you were trying to display a profile (LISTUSER, LISTGROUP, etcetera), no match was found for that profile. If you were performing a search and were subsequently browsing through the database, you have reached to end of the entries.

CQT081 **Unknown error : REG 15 = 10 (HEX) 15=10**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT082 **An I/O error occurred while accessing the RACF data set 15=18**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT083 **RACF was not active at the time of the request 15=1C**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT084 **The request type requires a work area but area was not provided 15=20**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT085 **Invalid entry name or incorrect entry type 15=24.**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY and investigate possible reasons for RC=24.

CQT086 **User supplied work area not large enough to hold all data 15=2C**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT087 **User supplied work area is smaller than the minimum allowed 15=30**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT088 **Request would have caused RACF index to increase past max(10) 15=48**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT089 **Invalid index block encountered or non index block read 15=4C**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT090 **Unknown condition code in REG 15 15=??**

Explanation

Error in ICHEINTY.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You can also refer to the RACF *System Programmer's Guide* and return codes for ICHEINTY.

CQT091 **Verify has completed successfully**

Explanation

Normal return code from the VERIFY function.

Return codes from RACROUTE=VERIFY are: SAFRC = 00 RACFRET = 00 RACFRES = 00

CQT092 **TOKININ was specified but its length was too large**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 00 RACFRET = 04 RACFRES = 0C

CQT093 **STOKEN was specified but its length was too large**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACFROUTE=VERIFY are: SAFRC = 00 RACFRET = 04 RACFRES = 10

CQT094 **RACF was not called to process the request**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACFROUTE=VERIFY are: SAFRC = 04 RACFRET = 00 RACFRES = 0

CQT095 **The user profile is not defined to RACF**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 04 RACFRET = 04 RACFRES = N/A

CQT096 **RACF is not active**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 04 RACFRET = 20 RACFRES = N/A

CQT097 **RJE or NJE operator FACILITY class profile not found**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 04 RACFRET =58 RACFRES = N/A

CQT098 **The password/phrase is not authorized**

Explanation

The VERIFY function failed because the password or phrase is incorrect.

Return codes from RACROUTE=VERIFY are: SAFRC=08 RACFRET=08 RACFRES=N/A

User response:
Correct the error and retry.

CQT099 **The password/phrase has expired**

Explanation

The VERIFY function failed because the current password or phrase has expired and no new password or phrase has been specified.

Return codes from RACROUTE=VERIFY are: SAFRC=08 RACFRET=0C RACFRES=N/A

User response:
Correct the error and retry.

CQT messages from 100 to 199

CQT100 **The new password/phrase is invalid**

Explanation

The VERIFY function failed because the new password or phrase is not valid for RACF. This can for example be because the new password or phrase occurs in the history, or because the password or phrase has already been changed within the MINCHANGE period.

Return codes from RACROUTE=VERIFY are: SAFRC=08 RACFRET=10 RACFRES=N/A

User response:
Correct the error and retry

CQT101 **The user is not defined to the group**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 14 RACFRES = N/A

CQT102 **VERIFY was failed by the installation exit routine**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 18 RACFRES = N/A

CQT103 **The users access has been revoked**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 1c RACFRES = N/A

CQT104 **The users access to the specified group has been revoked**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 24 RACFRES = N/A

CQT105 **OIDCARD parameter is required but not supplied**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 28 RACFRES = N/A

CQT106 **OIDCARD parameter is invalid for specified user**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 2C RACFRES = N/A

CQT107 **User not authorised to this port of entry**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 30 RACFRES = N/A

CQT108 **User is not authorized on this day, or at this time of day**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 30 RACFRES = 04

CQT109 **Port of entry may not be used on this day, or at this time of day**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 30 RACFRES = 08

CQT110 **The user is not authorized to use the application**

Explanation

The VERIFY function failed. This is the reason for the failure.

Return codes from RACROUTE=VERIFY are: SAFRC = 08 RACFRET = 34 RACFRES = N/A

CQT111 **Return codes outside scope of VERIFY**

Explanation

The VERIFY function failed. The return codes are not within the scope of the verify operation. For further assistance, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CQT112 **Invalid CLASS name. Class is not defined or inactive.**

Explanation

The CLASS entered cannot be found in the class descriptor table or was found inactive. Enter a valid class name for an active resource class.

CQT113 **You are not authorized to this RESOURCE CLASS**

Explanation

You are not authorized to perform the attempted function for this resource class. Contact your Data Security administrator.

CQT114 **Invalid PROFILE name**

Explanation

Either no profile name has been entered, or it contains generic characters and these are not allowed for this profile type (TYPE=G).

CQT115 **Request failed. SAFRET=xx RACFRET=xx RACFRES=xx**

Explanation

The RACF request failed. The SAF return code and the RACF return code and reason code are indicated. Refer to the RACF *z/OS Security Server Racroute Macro Reference* for an explanation of these codes (RACROUTE REQUEST=EXTRACT).

CQT116 **Unable to locate userid for OWNER/NOTIFY**

Explanation

The user ID specified in the OWNER/NOTIFY field does not exist in the RACF database. Enter a valid user ID.

CQT117 **Specify audit-A/S/F/N and/or AUD SUCC(FAIL) R/U/C/A**

Explanation

The AUDIT, AUD SUCC and AUD FAIL parameters must be one of the options indicated.

CQT118 **Specify UACC= ALTER / CONTROL / UPDATE / READ / NONE / EXECUTE**

Explanation

The UACC parameter must be one of the options indicated.

CQT119 **Specify WARN= Y or N**

Explanation

The WARN parameter must be one of the options indicated.

CQT120 **LEVEL must be in the range of 000 - 099**

Explanation

The LEVEL parameter must be one of the options indicated.

CQT121 **MEMBERS are not allowed in this resource class**

Explanation

MEMBER definitions are only allowed for resource classes that are defined as *grouping* classes (indicated by TYPE=G).

CQT122 **Restricted name. Function disallowed**

Explanation

Attempts to use any resource name used internally by zSecure CICS Toolkit will be rejected. Choose a different name.

CQT123 **PROFILE/MEMBER name greater than maximum defined in the CDT**

Explanation

The PROFILE or MEMBER name is greater than the maximum length allowed, as defined in the CDT. Check with Data Security for the maximum length for this class.

CQT124 **MEMBER already exists in this group**

Explanation

The MEMBER you are trying to add is already defined to this group.

CQT125 **COMMAREA too small for data. Truncation has occurred**

Explanation

The COMMAREA passed to the API was too small to hold all the data returned from RACF. It has been truncated.

CQT126 **MEMBER does not exist in this group**

Explanation

The MEMBER you have tried to delete does not exist in this group.

CQT127 **PROFILES are not allowed in this resource class**

Explanation

The CDT definition for this general resource class does not allow profiles to be defined.

CQT128 **You are not authorized for this GROUP**

Explanation

You do not have authority to perform the attempted function for this group.

CQT129 **Invalid SUPERIOR GROUP group name**

Explanation

The group name specified for the SUPERIOR GROUP is incorrect.

The entry for the SUPERIOR GROUP must be a valid group name. Verify that the group name you are specifying does exist.

CQT130 **GROUP still has subgroups**

Explanation

You have attempted to delete a group that still has subgroups.

Before a group can be deleted, all of its subgroups must be removed. Remove all of the subgroups and attempt the operation again.

CQT131 **GROUP still has users connected**

Explanation

You have attempted to delete a group that still has users.

Before a group can be deleted, all of its users must be removed. Remove all of the users and attempt the operation again.

CQT132 **OPPRTY must be in the range 000 -255**

Explanation

The value specified for the Operator Priority is incorrect.

The range of values for this field must not exceed the range specified. For more information on this parameter refer to the *CICS Resource Definition Guide* or the *CICS-RACF Security Guide.*

CQT133 XRSOFF must be FORCE or NOFORCE

Explanation

The value specified for XRSOFF is incorrect.

This field must be either FORCE or NOFORCE. For more information on these parameters, refer to the *CICS Resource Definition Guide* or the *CICS/RACF Security Guide*.

CQT134 OPCLASS must be in the range 01 - 24 and separated with a comma

Explanation

The value(s) specified for OPCLASS are incorrect.

The OPCLASS parameters must be in the range of 01 - 24 and separated with a comma. For example: 01,02,12,15,23

For more information on these parameters, refer to the *CICS Resource Definition Guide* or the *CICS-RACF Security Guide.*

CQT135 USERID does not exist or there is no CICS segment for the user

Explanation

The user ID entered does not exist or has no CICS SEGMENT.

If the user ID is invalid, enter a new user ID. If the user ID is correct and no CICS SEGMENT exists, enter the new information for the user and press PF05 to create a CICS SEGMENT.

CQT136 You are not authorized to specify this INTERVAL value

Explanation

Using the PASSWORD command, you have specified a password interval value of 255 or you are attempting to alter another users interval value.

To specify an interval value of 255 (which corresponds to NOINTERVAL), or to change the interval value for another user, you must have SPECIAL, or have access to TOOLKIT.SPEC or PSWD.dfltgrp.

CQT137 xxxxxxxxx is the resource class that will be used for this region

Explanation

This is the resource class name that will be used by zSecure CICS Toolkit for its own internal security checking. Normally this will be the same as the definition in CQTPCNTL. However, if there is an error with the CQTPCNTL parameter, zSecure CICS Toolkit will default to using the XTRAN parameter in the SIT.

CQT138 ACCESS must be N, R, U, A or C

Explanation

The level of access being given must be either N for NONE, R for READ, U for UPDATE, A for ALTER or C for CONTROL.

CQT139 XXXXXXXXXXXX The data in the specified fields is incorrect.

Explanation

A user has attempted to update a TSO segment but the data in the field indicated does not conform to the allowable characters as defined in the RACF Command Language Reference. Verify that the information is correct and check the *RACF Command Language Reference manual*.

CQT140 TIMEOUT must be in the range 000 - 999

Explanation

The TIMEOUT parameter must be 000 or a maximum of 255, unless you have RACF 2.2 installed and then the maximum can be 999. This is the number of minutes of inactivity that must elapse before a CICS user is timed out.

CQT141 Invalid MEMBER name. Enter a valid MEMBER name

Explanation

Enter a valid MEMBER name The MEMBER name to be added or deleted does not have valid syntax. Check the RACF Command Language Reference for valid MEMBER names for the resource class you are trying to modify.

CQT142 RESUMEDT/REVOKEDT must be numeric (yyddd) and NOT prior to TODAY

Explanation

The RESUMEDT/REVOKEDT specified contains a non-numeric character, or specifies a date that has already passed. Note, that the date does not contain a century.

If *yy* is 71 or higher, the year is interpreted as being in the 20th century (19yy). Specify the value 00000 to remove a revoke/resume date.

CQT143 ***fieldname* you are not authorized to update this field**

Explanation

In order to update field *fieldname*, you need the RACF special attribute, or access to the TOOLKIT.SPEC profile. See the relevant section on the RACF commands or the API in this manual.

CQT144 **Enter dataset profile to be deleted. Specify 'Y' if Generic, 'N' if not**

Explanation

Provide the information required to perform the requested function.

CQT145 **Delete of DATASET profile failed. Ret/Reas = *00000000***

Explanation

The removal of the specified DATASET profile failed. This is not caused by the obvious situation that the user is not authorized, or the data set profile does not exist. The most likely cause is a duplicate data set profile (00003800). For more information, see the RACROUTE and ICHEINTY return codes.

CQT146 **DATASET profile has been deleted**

Explanation

The requested operation was completed successfully.

CQT147 **DATASET profile does not exist**

Explanation

The DATASET profile specified could not be located in the RACF database. It could therefore not be removed.

CQT148 **Universal groups cannot be deleted safely**

Explanation

Universal groups do not maintain a list of all the users connected to the group. It is therefore not possible, without a complete scan of the entire RACF database, to safely remove all users from the group. Because this scan can be very time consuming, removal of Universal Groups is currently not supported. You can use IRRRID00 or similar utilities to delete Universal Groups.

CQT149 **Invalid setting for Universal group setting, Specify Y/N**

Explanation

A character other then *Y* or *N* was specified. Specify *Y* to indicate that the group should be a Universal Group, or *N* for a regular group.

CQT150 **Currently refreshing module *modname***

Explanation

This progress message is issued to confirm setting *newcopy* for module *modname*

CQT151 **Subtasks still active**

Explanation

Refreshing (newcopy) of active zSecure CICS Toolkit modules is not supported. Deactivate the subtasks before refreshing modules.

CQT152 **Invalid setting for TermUacc setting, Specify Y/N**

Explanation

A character other then *Y* or *N* was specified. Specify*Y* to indicate that the group should have the TERMUACC attribute, or *N* for NOTERMUACC.

CQT153 **Remove of IBMUSER from Fixed Groups is not allowed**

Explanation

IBMUSER cannot be removed from the groups SYS1, SYSCTLG and VSAMDSET.

CQT154 **Error during newcopy of module *modname***

Explanation

An error occurred during execution of the newcopy function for module *modname* This might be caused by an incorrect or missing definition for *modname* or the module is still in use by an active task.

CQT155 **Program modules refreshed**

Explanation

All zSecure CICS Toolkit modules have been refreshed. Only the modules for the RTST transaction itself (program and map) are unchanged.

CQT156 **CQTPDTCH not found**

Explanation

The CQTPDTCH program is required to detach all MVS subtasks used by zSecure CICS Toolkit. The program could not be located, or it has not been defined to CICS.

CQT157 CQTPLT00 not found

Explanation

The CQTPLT00 program is required to start all MVS subtasks used by zSecure CICS Toolkit. The program could not be located, or it has not been defined to CICS.

CQT158 USRDATA deleted

Explanation

The selected USRDATA name/value has been deleted from the USER profile.

CQT159 USRDATA added

Explanation

The USRDATA as entered on the screen has been successfully added to the USER profile.

CQT160 USRDATA is duplicate, modify disabled

Explanation

The USRDATA name field is not unique. zSecure CICS Toolkit does not support non-unique USRDATA names. You can only display and delete such names and values.

CQT161 Invalid function code

Explanation

An invalid function code was present in the parameter area passed to the subtask. This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

CQT162 You are not authorized for this function

Explanation

The requested function (indicated by the function code) is not allowed.

CQT163 USRDATA modified

Explanation

The USRDATA as entered on the screen was successfully modified in the USER profile.

CQT164 USRDATA value not found

Explanation

For a modify, display or delete request, the USRDATA name/value could not be found in the selected USER profile.

CQT165 You are not authorized for this USRDATA

Explanation

The name part of the USRDATA name/value is controlled via a USRN.*name* profile for which you are not authorized.

CQT166 Invalid name for USRDATA

Explanation

The specified USRDATA name is not valid. Enter a valid value.

CQT167 Missing value for USRDATA

Explanation

When adding, updating or deleting USRDATA, no value was specified.

CQT168 USRDATA is duplicate, not added

Explanation

zSecure CICS Toolkit does not support adding multiple USRDATA values for the same name. Select unique names for the USRDATA name/value.

CQT169 USRDATA entries outside scope suppressed

Explanation

This warning message is issued to indicate that one or more USRDATA entries were suppressed. USRDATA entries that have a name for which you are not authorized via a USRN.*name* profile will not be shown.

CQT170 UID already assigned

Explanation

When specifying a value for the OMVS UID, a non-unique number was given. At least one other user already has this UID. When you are so authorized, you

can specify Y in the SHARED field, to assign a SHARED UID.

CQT171 **You are not authorized to assign shared UIDs**

Explanation

You must either have the System-SPECIAL attribute or have access to the UNIXPRIV SHARED.IDS profile. You attempted to created a SHARED UID without the required authorization.

CQT172 **Assigning UID(0) not allowed**

Explanation

Assigning a UID value zero (0) to any user is only allowed if you have the RACF System-SPECIAL attribute. Note that access to TOOLKIT.SPEC is not sufficient.

CQT173 **Cannot automatically assign UID**

Explanation

An unexpected error occurred during the resolution of the next available UID.

CQT174 **Error in processing BPX.NEXT.USER (not found, or syntax error) *CODE***

Explanation

The BPX.NEXT.USER profile in the FACILITY class could not be found, or its APPLDATA did not contain a valid specification of the UID

CQT175 **Cannot use AUTOUID to assign new value**

Explanation

This message is currently not issued. It is reserved for possible implementation of RACF functionality for use of AUTOUID for currently SHARED UIDs.

CQT176 **BPX.NEXT.USER profile has run out of possible UID values**

Explanation

The BPX.NEXT.USER profile specified an upper limit for the UID, or the current UID has reached the value 2147483647.

CQT177 ***segname* segment deleted**

Explanation

The *segname* segment has been deleted successfully.

CQT178 **Toolkit not authorized for MKDIR of specified directory**

Explanation

The user ID used for the CICS region does not have sufficient authority to execute the MKDIR command for the home directory of the user ID. See the system log (or job log of the CICS region) for the RACF related error message showing the resource failing access.

CQT179 **The specified path for the new directory does not exist**

Explanation

The path specified for the home directory does not exist. This might be caused by automatic uppercase translation of all input data, or because of a typing error in the path specification.

CQT180 **The specified path for the new directory contains a non-directory**

Explanation

The path specified for the home directory contains as one of the intermediate directories a file instead of a directory. This might be caused by a typing error in the path specification.

CQT181 **Toolkit cannot start OMVS environment, reas=*reascode***

Explanation

The zSecure CICS Toolkit subtask cannot establish the OMVS environment required for the MKDIR command. The *reascode* gives information why the OMVS environment could not be set up. Common codes are:

00FA
The current group used for the CICS region does not have an OMVS segment

00FB
The CICS region user ID does not have an OMVS segment

00FC
The CICS Region user ID has no UID

00FD
The current group used for the CICS Region does not have a GID assigned in the OMVS segment.

See *Unix System Services Messages and Codes* for an explanation of reason codes.

CQT182 **Toolkit not authorized for CHOWN of specified directory**

Explanation

The user ID used for the CICS region does not have sufficient authority to execute the CHOWN command to assign the home directory to the user ID. See the system log (or job log of the CICS region) for the RACF related error message showing the resource failing access.

CQT183 **Automatic add of CICS segment no longer supported**

Explanation

Starting with zToolkit version 1.7 automatic creation of a CICS segment when adding a new user is no longer supported. If the new ID requires a CICS segment (most USERIDs do not), use the ALTUSER function to add the CICS segment.

CQT184 **Field *fieldname* not supported on this RACF level**

Explanation

An attempt was made to update a field that is not supported by the RACF version as installed on the current system. The field was not updated. Updates to other fields might have been completed or not.

CQT185 **The new phrase is invalid, reason=*reason***

Explanation

The new password phrase does not satisfy the minimum requirement. Possible values for *reason* are:

Length
Depending on the environment, the minimum length for the password phrase is either 9 or 14 characters.

Chars
At least two alphabetical characters and at least two special characters are required.

Consec
No more than two consecutive characters may be identical

Userid
The user ID may not be included in the password phrase.

CQT186 **Reserved**

CQT187 **RACF Failure. SAF-RC=xxxx RAC-RC=xxxx RAC-RE=xxxx**

Explanation

The RACF request failed. The SAF return code and the RACF return code and reason code are indicated. Refer to the RACF *z/OS Security Server Racroute Macro Reference* for an explanation of these codes (RACROUTE REQUEST=EXTRACT).

CQT188 **MKDIR failed. BPX-RV=xxxx BPX-RC=xxxx BPX-RE=xxxx**

Explanation

The MKDIR request failed. The BPX-RV is the return value (FFFF), BPX-RC is the return code and BPX-RE the reason code for the BPX1MKD callable service. See *Unix System Services Messages and Codes* for an explanation of the return and reason codes.

CQT189 **CHOWN failed. BPX-RV=xxxx BPX-RC=xxxx BPX-RE=xxxx**

Explanation

The CHOWN request failed. The BPX-RV is the return value (FFFF), BPX-RC is the return code and BPX-RE the reason code for the BPX1CHO callable service. See *Unix System Services Messages and Codes* for an explanation of the return and reason codes.

CQT190 **CSDATA deleted**

Explanation:
The selected CSDATA name/value is deleted from the specified profile.

CQT191 **CSDATA added**

Explanation:
The CSDATA name/value as entered is added to the specified profile.

CQT192 **CSDATA modified**

Explanation:
The CSDATA name/value as entered is updated in the specified profile.

CQT193 **CSDATA field not found**

Explanation:
The CSDATA field as entered is not added to the specified profile.

CQT194 **You are not authorized for this CSDATA field**

Explanation:
The CSDATA field is controlled via a CSDN.*csdata-name* profile for which you have no authorization.

CQT195 **Invalid field name for CSDATA**

Explanation:

The CSDATA name as entered does not exist for the specified resource class.

User response:
Verify that you entered the correct name of a CSDATA field that is defined for the class.

CQT196 Unable to locate specified profile

Explanation:
The specified profile cannot be found.

User response:
Verify that you entered the correct class and profile name. For DATASET profiles, ensure that the type field correctly specifies the generic or discrete indicator.

CQT197 CSDATA field already exists, not added

Explanation:
zSecure CICS Toolkit does not support adding multiple CSDATA values for the same CSDATA field. Changing existing fields must be done through the Update function.

CQT198 CSDATA entries outside scope suppressed

Explanation:
This warning message is issued to indicate that one or more CSDATA entries were suppressed. CSDATA entries that have a name for which you are not authorized via a CSDN.*csdata-name* profile are not shown.

CQT199 You are not authorized for this profile

Explanation:
You do not have authority to this profile. Access to the profile is based on the profile owner. You must have access to CSD*x*.*owner* (where *x* is either U, G, D, or R, representing the resource type, and *owner* is the owner of the profile).

CQT messages from 200 to 299

CQT200 Enter class and profile

Explanation:
You have selected a function that requires a class and profile.

User response:
Enter the class and name of an existing profile.

CQT201 Missing value for CSDATA field

Explanation:
When adding or updating CSDATA, the field value was missing. For adding or updating, both the field name and field value must be present. For deleting, only the name must be present; the field value is ignored.

User response:
Specify a field value.

CQT202 CSDATA value truncated

Explanation:
The existing CSDATA field value is longer than 255 characters. Therefore, the field value is truncated. When updating the field through zSecure CICS Toolkit, the truncated value is used, and remaining characters are lost.

CQT203 CSDATA value too long (maxlnth)

Explanation:
The specified CSDATA field value is longer than the MAXLENGTH that is specified in the CFDEF segment of the CFIELD profile that defines the custom data field.

CQT messages from 900 to 999

CQT900 Unable to load CQTPCNTL

Explanation

An error occurred when trying to load the options member CQTPCNTL. Initialization cannot continue. Check that CQTPCNTL has been defined to CICS and is available via DFHRPL.

CQT901 Unable to write to destid, exit

Explanation

An error occurred when trying to send messages to the DESTID specified in the CQTPCNTL options member. Initialization cannot continue. Check the specification of DESTID in your CQTPCNTL options member.

CQT902 Starting initialization

Explanation

This message is written to the specified DESTID to indicate that zSecure CICS Toolkit initialization is started.

CQT903 CQTPCNTL length invalid, exit

Explanation

The CQTPCNTL options member is not of the expected length. Initialization cannot continue. Correct

CQTPCNTL based on the specification documented in "Defining parameters for zSecure CICS Toolkit" in the *IBM Security zSecure CICS Toolkit: User Guide*.

CQT904 Not registered? Skip deregister

Explanation

The zSecure CICS Toolkit termination routines determined that the product was not registered. This situation should not occur because the registration is a required part of the activation of the product during CICS startup.

CQT905 Check authorization to start zSecure CICS Toolkit

Explanation

This message is issued to indicate that zSecure CICS Toolkit initialization is checking the authorization to install the zSecure CICS Toolkit subtasks. This message should be followed by message CQT981.

CQT906 REQUEST=AUTH SAF RC=*sr* RACF RC=*rr* RE=*re*

Explanation

A RACF request failed with a non-zero return code. The *sr* represents the SAF return code, *rr* represents the RACF return code and *re* represents the RACF reason code.

Some of the more common return and reason codes are given below:

```
rr=4 re=0     The FACILITY class is not active,
              or the profile TOOLKIT.SVC has
              not been defined.
rr=8 re=0     The CICS region userid does not
have
              access to the TOOLKIT.SVC profile.
```

CQT907 Registration failed for CICS Toolkit

Explanation

The zSecure CICS Toolkit initialization routines could not register the product. This situation might be caused by a missing entry in IFAPRDxx, or an explicit disabled setting in IFAPRDxx.

CQT908 zSecure CICS Toolkit still active, not restarted

Explanation

The zSecure CICS Toolkit initialization routines detected that the zSecure CICS Toolkit subtasks were still active. Initialization is terminated. It might be possible to recover from this situation by explicitly stopping and starting the zSecure CICS Toolkit subtasks via the provided RTST transaction.

CQT909 zSecure CICS Toolkit was not registered

Explanation

zSecure CICS Toolkit was explicitly disabled in member IFAPRDxx in PARMLIB. If the product is not specified or specified as ENABLED, initialization will continue.

CQT910 Deregister failed

Explanation

The zSecure CICS Toolkit termination routine could not deregister the product. This situation should not occur.

CQT911 Start detaching subtasks

Explanation

This informational message indicates that the zSecure CICS Toolkit termination routine will now stop all the zSecure CICS Toolkit subtasks

CQT980 CQTPCNTL not defined to CICS

Explanation

The installation verification program could not load the CQTPCNTL program. It is probably not correctly defined to CICS.

CQT981 Subtasks attached

Explanation

The zSecure CICS Toolkit subtasks have been attached.

CQT982 Subtasks terminated

Explanation

The zSecure CICS Toolkit subtasks have been terminated.

CQT984 Delete of ACEE failed

Explanation

This is an internal error message indicating a serious problem. It should never occur.

CQT994 zSecure CICS Toolkit installation verification

Explanation

The CQTPCNTL parameters are being verified.

Transaction RCHK is being executed to verify the zSecure CICS Toolkit installation. This message is written to the DESTID parameter to ensure it is valid.

CQT998 Abend APCT CRTKAPRM

Explanation

An attempt to load CQTPAPRM failed.

Check the definition for CQTPAPRM and ensure that it is defined correctly and that the module is available via DFHRPL.

CQT999 Unable to locate the error message table (CQTPMSGE). Check CICS job log

Explanation

An attempt to locate the error message table CQTPMSGE failed.

Check the definition for CQTPMSGEE and ensure that it is defined correctly and that the module is available via DFHRPL. The address of CQTPMSGE is stored in CQTPAPRM. Verify that CQTPAPRM has been defined as resident, and that CQTPLT00 ran during startup as a PLTPI program.

Chapter 10. C2P messages

The C2P messages are issued by both the zSecure Alert address space and the zSecure Admin Access Monitor address space. The message identifier uses the format C2P*annnX*. Messages issued by these programs use the numbers zero (0) or eight (8) in the position of the *a* in the message identifier. Other values are only used by zSecure Alert for alerts using the WTO format. Possible values are:

1
Predefined RACF alerts

2
Predefined ACF2 alerts

3
Reserved for predefined TSS alerts

4
Installation-defined RACF alerts

5
Installation-defined ACF2 alerts

6
Installation-defined TSS alerts

The *X* in the message identifier indicates the severity level. It can have the following values:

D
Debug message. Action is not required.

I
Informational message.

W
Warning message. The task continues but an error occurred.

E
Error message. The task may end immediately or may attempt to continue.

S
Severe error message.

A
Action message. Operator action is needed to correct the situation.

The predefined alert messages (C2P1*nnn*I, C2P2*nnn*I, and C2P3*nnn*I) always use the **I** severity level indicator. The installation-defined alert messages (C2P4*nnnX*, C2P5*nnnX*, and C2P6*nnnX*) do not use the **A** severity level indicator. The messages issued by the address spaces (C2P*annnX*) do not (currently) use the **D** severity level indicator.

The following job step completion codes are used by the zSecure Alert started task and by the zSecure Admin Access Monitor started task:

0
Task completed successfully without errors.

4
Task completed with one or more warnings.

8
Task completed with errors. Currently these include license code problems and situations where the task is already active.

12
Task completed with severe errors that are most likely caused by configuration errors.

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16
Severe internal errors occurred that prevented the program from executing.

The rest of this chapter lists the messages with explanations and possible actions to take, grouped in subsections of messages.

C2P messages from 0 to 999 (zSecure started task)

Related information

C2P messages from 1000 to 1999 (Predefined RACF alerts)
C2P messages from 2000 to 2999 (Predefined ACF2 alerts)
C2P messages from 4000 to 6999 (Installation defined alerts)
This message range is reserved for installation defined alerts.

C2P messages from 8000 to 8999

C2P0100A ***product-name* not active**

Explanation

This message is issued when *product-name* stops.

User response

If C2P messages preceding this message indicate problems, solve them, then restart.

C2P0101E **Error return code from C2PCLEAN *retcode***

Explanation

This message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem record and provide the complete list of error messages.

C2P0102I **Start option FORCE specified**

Explanation

This is an informational message confirming the use of the FORCE command as a start option.

C2P0103I **Start option DEBUG specified**

Explanation

This is an informational message confirming the use of the DEBUG command as a start option.

C2P0104I **Received STOP command**

Explanation

This is an informational message confirming the use of the STOP command to shut down zSecure Alert processing.

C2P0105I **Received command *text portion of modify console command***

Explanation

This is an informational message acknowledging that an operator console command was received.

C2P0106I ***product-name* options and status**

Explanation

This message is the first of a range of messages resulting from the console operator DISPLAY command.

C2P0107I **BufSize (Kbytes) *bufsize***

Explanation

This message is part of the response to the console operator DISPLAY command. The *bufsize* is the size of the in-memory buffers that are used to save the captured SMF-records and WTO-messages.

C2P0108I **BufUsed (Kbytes) *bufused***

Explanation

This message is part of the response to the console operator DISPLAY command. The *bufused* is the current number of kilobytes used in the active in-memory buffer.

C2P0109I **Report Interval (sec) *interval***

Explanation

This message is part of the response to the console operator DISPLAY command. The *interval* is the interval in seconds used for the short term immediate analysis.

C2P0110I Number of data buffers is *numbufs*

Explanation

This message is part of the response to the console operator DISPLAY command. The *numbufs* is the number of buffers available for captured SMF-records. One of these buffers is the active one, while others may contain older records used for time-averaged analysis.

C2P0111I Current buffer index is *bufindex*

Explanation

This message is part of the response to the console operator DISPLAY command. The *bufindex* is the number of the currently active buffer used for collecting records.

C2P0112I Buffer Index problem occurred

Explanation

This message is part of the response to the console operator DISPLAY command. During the previous *interval* period the SMF-record capture routine detected a problem. The *bufindex* did not point to a buffer that was available for collecting SMF-records. This situation should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Normally the system should recover during the next *interval*. If message C2P0303E also occurs multiple times, this may be an indication that automatic recovery failed. See message C2P0303E for additional information.

C2P0113I Buffer Overflow occurred

Explanation

This message is part of the response to the console operator DISPLAY command. During the previous *interval* period the SMF-record capture routine detected a problem. The active buffer did not have sufficient space left to contain the current SMF-record. The buffer is flagged as unavailable. This situation may occur due to specification of a small buffer size, a long reporting *interval*, failure to use the FILTER options to reduce the number of SMF-records, or unexpected system activity resulting in a large amount of SMF-records being generated.

User response

See message C2P0304E for possible recovery actions.

C2P0114I Buffer Locking problem occurred

Explanation

This message is part of the response to the console operator DISPLAY command. During the previous *interval* period, the SMF record capture routine or the analysis routine could not access a buffer because the buffer was in use for an elongated period. The SMF record was not captured or the analysis of the buffer contents was canceled. This situation should occur only infrequently.

User response

See message C2P0305E for possible recovery actions if this situation occurs.

C2P0115I SMF Filter *status*

Explanation

This message is part of the response to the console operator DISPLAY command. It will be repeated for all active SMF filters.The value status has either of the following formats:

- Rectype(*record-type*)
- Rectype(*record-type*) Subtype(*subtype*)
- Rectype(*record-type*) All subtypes

The value of *record-type* represents the SMF record type. For SMF type 30 records *subtype* shows the subtype. For RACF records, it shows the RACF event code. For ACF2 events, the subtype is shown in both numeric and character format (196/D, for example).

C2P0116I WTO Filter Prefix (*prefix*)

Explanation

This message is part of the response to the console operator DISPLAY command. The value of *prefix* represents the first characters of those WTO message identifiers that will be selected for further processing.

C2P0117E Error attaching data processing MGR, RC=*rc*

Explanation

When attaching the independent data processing task, a system error occurred. The ATTACH error code was *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include the complete error message.

C2P0118E **Error attaching WTO Capture Task, RC=*rc***

Explanation

When attaching the independent data collection task, a system error occurred. The ATTACH error code was *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include the complete error message.

C2P0119I **Loaded C2PIORTN routine at location *address***

Explanation

This diagnostic message provides the *address* of the C2PIORTN module that is used to pass collected data to the CKRCARLA analysis task.

C2P0120W **Unknown command**

Explanation

The console operator command shown in message C2P0105I was not recognized as a valid console operator command for the product.

User response

Verify the correct syntax and spelling of the command you were trying to issue.

C2P0121E **Task is not APF authorized, exit**

Explanation

The task is not APF authorized. APF authorization is required for successful execution.

User response

Ensure that the APF authorized library from which the modules are loaded is marked as APF authorized. When using a STEPLIB, ensure that all libraries in the concatenation are APF authorized.

C2P0122E **Error attaching CKFREEZE MGR Task, RC=*rc***

Explanation

When attaching the independent zSecure Collect management task, a system error occurred. The ATTACH error code was *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include the complete error message.

C2P0123E **Error return code from C2PINIT *retcode***

Explanation

This message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem record and provide the complete list of error messages.

C2P0124E **Could not load C2PIORTN routine *abendcde-reascde***

Explanation

This error message is issued if a problem occurs when locating the C2PIORTN module that is used to pass data to the analysis task. The system abend code is *abendcde*, and the reason code is *reascde*. This message should never occur.

User response

Verify that the C2PIORTN module is present in the APF-authorized STEPLIB or in the LINKLIST. If the module is present, see the IBM Support

Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report containing the values of *abendcde* and *reascde*.

C2P0125I Averaging Period (sec) *timeaverage*

Explanation

This message is part of the response to the console operator DISPLAY command. The *timeaverage* is the interval in seconds used for the time-averaged analysis.

C2P0126I Preprocessing task interval is (min) *refreshtime*

Explanation

This message is part of the response to the console operator DISPLAY command. The *refreshtime* is the interval in minutes between refresh of the system environment information.

C2P0127I Main Report member *member*

Explanation

This message is part of the response to the console operator DISPLAY command. The *member* is the name of the member containing the main (primary) CARLa commands used to analyze the captured records.

C2P0128I Report DDName *ddname*

Explanation

This message is part of the response to the console operator DISPLAY command. The *ddname* is the name of the file containing the *member* used for the record analysis.

C2P0129I System data collection start time is *time*

Explanation

This message is part of the response to the console operator DISPLAY command. The *time* is the local time at which the system CKFREEZE refresh task will be activated.

C2P0130E Error return code from ESTAEX, RC=*rc*

Explanation

During specification of an abend exit routine, a system error occurred. The error code was *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0131I Waiting for subtasks to terminate

Explanation

During a normal stop of the task, a short waiting period is used to allow the subtasks to stop normally. At the end of the waiting period, the subtasks are terminated.

C2P0132I Waiting for subtasks to terminate

Explanation

During restart of the product, a short waiting period is used to allow the subtasks to terminate normally, before being restarted. At the end of the waiting period, the subtasks are terminated.

C2P0133E Error attaching preprocessing MGR, RC=*rc*

Explanation

When attaching the manager task that is used to preprocess the required CARLa statements, a system error occurred. *rc* is the ATTACH error code.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete error message.

C2P0134I Version *C2P version*

Explanation

This message is part of the response to the console operator DISPLAY command. The *C2P version* is the version indicator of the active program.

C2P0135I Preprocessing CARLa member is *member*

Explanation

This message is part of the response to the console operator DISPLAY command. The *member* is the name of the member containing the CARLa commands used to generate system dependent CARLa selection statements used during the analysis.

C2P0136I **Successfully attached data processing MGR**

Explanation

This diagnostic message is issued after successful start of the independent data processing task.

C2P0137I **Successfully attached WTO Capture task**

Explanation

This diagnostic message is issued after successful start of the independent WTO capturing routine.

C2P0138I **Successfully attached preprocessing MGR Task**

Explanation

This diagnostic message is issued after successful start of the preprocessing manager task.

C2P0139I **Successfully attached CKFREEZE MGR Task**

Explanation

This diagnostic message is issued after successful start of the CKFREEZE manager task.

C2P0140I **C2PC area located at *C2PC-address***

Explanation

This message is part of the response to the console operator DISPLAY command. The ECSA communication area used is located at address *C2PC-address*.

C2P0141I **Extended buffer used**

Explanation

This message is part of the response to the console operator DISPLAY command. During the previous *interval* period the SMF-record capture routine detected that the active buffer did not have sufficient space left to contain the current SMF-record. An additional buffer from the buffer pool was used. This situation may occur due to specification of a small buffer size, a long reporting *interval*, failure to use the FILTER options to reduce the number of SMF-records, or unexpected system activity resulting in a large amount of SMF-records being generated.

User response

This message does not necessarily indicate an error situation. If the situation occurs frequently, you may want to investigate current buffer usage via the DEBUG BUFFER command. To prevent the situation, you may want to increase the buffer size (*bufsize*), or reduce the reporting interval (*interval*).

C2P0142I **CKFREEZE collection task is active**

Explanation

This message is part of the response to the console operator DISPLAY command. At the moment of the DISPLAY command, the zSecure Collect task was found to be active. This task is started at *collecttime* or as the result of the operator COLLECT command.

C2P0143I **Stage-1 CKRCARLA task is active**

Explanation

This message is part of the response to the console operator DISPLAY command. At the moment of the DISPLAY command, the `stage 1` CKRCARLA task was found to be active. This task is started every *stage1interval* seconds.

C2P0144I **CKFREEZE collection started task name is *stc-name***

Explanation

This message is part of the response to the console operator DISPLAY command. The name for the procedure member in the system proclib used for the zSecure Collect routine is *stc-name*.

C2P0145I **Restart scheduled for data collection tasks**

Explanation:
This message indicates that the Stage 1 CARLa task and the Reporting task will be restarted at the end of the interval as the result of an operator REFRESH command. Messages C2P0509I indicates completion of the REFRESH request.

C2P0146I **Restart scheduled for CKFREEZE collection task**

Explanation

This message is issued to indicate that the CKFREEZE collection task will be started. Other tasks continue to run, but they cannot restart until the CKFREEZE collection task is completed. Normal operation continues after the CKFREEZE collection task has completed.

C2P0147E **CKFREEZE collection task already active, command ignored**

Explanation

This message is issued to indicate that the CKFREEZE collection task is already active. Concurrent execution of multiple CKFREEZE collection tasks is not supported. The COLLECT command is ignored.

C2P0148I **Report DSName *dsname***

Explanation

This message is part of the response to the console operator DISPLAY command. The *dsname* is the name of the data set allocated to the Report ddname as shown in message C2P0128I.

C2P0149I **End of display**

Explanation

This is the final line of the block of messages that started with C2P0106I.

C2P0150E **Product registration problem, see C2PDEBUG**

Explanation

A problem occurred during registration of the product.

User response

Check the detailed error messages in the C2PDEBUG file. Ensure that the correct products are not disabled in your IFAPRDxx parmlib member.

C2P0151E **Control Block error, exit**

Explanation

During internal consistency verification, the main control block was found to be corrupted. Because this is detected during the startup, the control block must have been created during a previous execution. This situation should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You might be able to recover from this situation by using the FORCE keyword on the START command.

C2P0152E **Task already active**

Explanation

During the inspection of the environment, the *product-name* was found to be already active. The current task is terminated.

User response

If this message is issued incorrectly (that is, no other instance of the *product-name* is active in the system), you might be able to recover from this situation via the use of the FORCE startup option. Such a situation could result from the use of the FORCE operator command to stop a previous instance of the task.

C2P0153E **Force restart not possible**

Explanation

This error message is issued when the FORCE startup option is used to start the *product-name* when a previous instance of the started task is still active. Running two instances of the product at the same time is not possible.

C2P0154I **Previous execution detected**

Explanation

This is an informational message that the product has detected that it has run before since IPL of the system. It indicates that some resources will be reused from that previous execution. This pertains mainly to the common communications area and the Linkage Index (LX).

C2P0155I **Reuse C2PC area at *address***

Explanation

This diagnostic message is issued to provide the address of the common communications control block (C2PC) that will be reused from a previous instance of the started task.

C2P0156I **Obtained C2PC storage at *address***

Explanation

This diagnostic message is issued to provide the address of the new common communication control block (C2PC) that will be created.

C2P0157E Error return from IEANTCR, RC=*rc*

Explanation

An error occurred during creation of the Named Token that is used as anchor for the Common Communication Control Block (C2PC). The error return code is *rc* This message should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the *rc* You might be able to recover from this situation via use of the FORCE startup parameter.

C2P0158E Error return from IEANTRT, RC=*rc*

Explanation

An error occurred during retrieval of the Named Token that is used as anchor for the Common Communication Control Block (C2PC). The error return code is *rc* This message should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the *rc* . You might be able to recover from this situation via use of the FORCE startup parameter.

C2P0159E Internal error, terminate

Explanation

An unspecified error occurred during retrieval of the Named Token that is used as anchor for the Common Communication Control Block (C2PC). This message should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You might be able to recover from this situation via use of the FORCE startup parameter.

C2P0160E Error return from IKJTSOEV, RC=*rc*

Explanation

An error occurred during initialization of the TSO environment necessary for command interpretation and execution. The error return code is *rc* This message should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the *rc*.

C2P0161I Allocated New Buffer

Explanation

This diagnostic message is issued to indicate that a new buffer will be allocated. The location where the new buffer is obtained will be provided in message C2P0162I.

C2P0162I Address *address*

Explanation

This diagnostic message is issued to provide the address of an in-memory buffer that will be used for collecting the captured SMF-records. This message is a logical continuation of message C2P0161I.

C2P0163W *ddname* Invalid buffer record

Explanation

This message is always issued in a block of three messages. The first message is a header message indicating that the process that read records from the in-storage data buffers encountered an invalid record. Subsequent messages show the contents of the storage area where the record was expected. The most likely reason for invalid records is that the user task that created the record did not finish creating the record. This message is only issued if DEBUG BUFFER is active.

This format of the message shows the header message. The variable *ddname* shows the ddname used in the CARLa query.

C2P0163W **c2pio_stream=*value1* c2p_stream=*value2***

Explanation

This message is always issued in a block of three messages. The first message is a header message indicating that the process that read records from the in-storage data buffers encountered an invalid record. Subsequent messages show the contents of the storage area where the record was expected. The most likely reason for invalid records is that the user task that created the record did not finish creating the record. This message is only issued if DEBUG BUFFER is active.

This format of the message shows the expected value for the type of record and the actual value for the record type.

C2P0163W ***hex record data***

Explanation

This message is always issued in a block of three messages. The first message is a header message indicating that the process that read records from the in-storage data buffers encountered an invalid record. Subsequent messages show the contents of the storage area where the record was expected. The most likely reason for invalid records is that the user task that created the record did not finish creating the record. This message is only issued if DEBUG BUFFER is active.

This format of the message shows the hexadecimal representation of the data in the storage area where the record was expected.

C2P0164I **TRANSWAP done**

Explanation

This diagnostic message is issued to inform of a successful transition of the product's task to non-swappable. This is required for capturing SMF-records from all tasks in the system.

C2P0165I **Need a new LX**

Explanation

This diagnostic message indicates that no previous LX was found. A new system Linkage Index (LX) will be allocated. System LX is a non reclaimable critical system resource, and may be issued only once. A new System LX will be needed during the first start after a system IPL. The new System LX will be saved for future reuse by subsequent instances of the started task.

C2P0166I **Obtained LX *lc***

Explanation

This diagnostic message provides the number of the new system Linkage Index (LX) that was allocated. It will be saved for future reuse by subsequent instances of the started task.

C2P0167I **Found existing LX**

Explanation

This diagnostic message indicates that an LX was found from a previous instance of the started task. The existing system Linkage Index (LX) will be reused. System LX is a non reclaimable critical system resource, and can be issued only once.

C2P0168I **LX was *LX***

Explanation

This diagnostic message provides the number of the existing system Linkage Index (LX) that will be used. It is a logical continuation of message C2P0167I.

C2P0169I **Need a new ET**

Explanation

This diagnostic message can be issued during initialization to indicate that a new Entry Table, which contains the Program Call definitions, will be created. The Entry Table will be returned to the system when the task ends.

C2P0170I **Obtained ET *token***

Explanation

This diagnostic message provides the *token* for the ET that was created.

C2P0171I **Found existing ET**

Explanation

This diagnostic message can be issued if an existing Entry Table (ET) was found during initialization. The existing ET will be reused. This message should not occur, because the ET should be returned to the system at the normal task termination.

C2P0172I **ET was *token***

Explanation

This diagnostic message provides the *token* for the ET that was found from a previous instance of the

started task. This message is a logical continuation of message C2P0171I.

C2P0173E Error return from IEANTCR, RC=*rc*

Explanation

An error occurred during creation of the Named Token that is used to provide information for the SMF-record Capture routine. The error return code is *rc* This message should never occur.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the *rc*. You might be able to recover from this situation via use of the FORCE startup parameter.

C2P0174I Detail info *flags-retcode-reascode*

Explanation

This secondary message is a continuation of message C2P0193I. It provides additional diagnostic information to assist in diagnosing the failure reason.

C2P0175I No SMF filter active

Explanation

This message is part of the response to the console operator DISPLAY command. It will be issued if no filter criteria have been specified for SMF records.

C2P0176I Loaded CKRCARLA routine at location *address*

Explanation

This diagnostic message provides the *address* of the CKRCARLA routine that is used to analyze the collected data.

C2P0177E Could not load CKRCARLA routine *abendcde-reascde*

Explanation

This error message is issued if a problem occurs when locating the CKRCARLA module used for analysis of the collected data. The system abend code is *abendcde*, and the reason code is *reascde*. This message should never occur.

User response

Verify that the module CKRCARLA is present in the APF-authorized STEPLIB or in the LINKLIST. If the module is present, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report containing the values of *abendcde* and *reascde*.

C2P0178I *product_name version* initialization successful

Explanation

The initialization of the *product_name* tasks was successful. The value *version* indicates the version of *product_name*that is active.

C2P0179I Activated Dynamic SMF exit *SMF-Exitname*

Explanation

This diagnostic message is issued as progress indicator for the initialization process.

C2P0180E Error adding *SMF-Exitname* RC=*retc-reas*

Explanation

During addition of the SMF Exit using the MVS dynamic exit facility, a system error occurred. The return code of the CSVDYNEX service routine is *retc*, and the reason code is *reas*

C2P0181E C2PC Incorrect version

Explanation

The *product_name* version as recorded in the C2PC control block during the previous execution of the product does not match the current version of the product. The version of the C2PC control block is not usable. Execution of the current task is terminated.

User response

This situation should not occur during normal operation. It is most likely caused by an upgrade of the product code without an appropriate shutdown of the previous instance of the started task. It might also be caused by an destructive overlay of the control block. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on

page 776 to report the problem. It might be possible to recover from this situation via use of the FORCE startup parameter.

C2P0182I Force restart

Explanation

This is an informational message issued during initialization to confirm use of the FORCE option to recover from previous unrecoverable errors. It will be issued if the FORCE option was used to bypass a previous "Incorrect version" error.

C2P0183E C2PC Incorrect length

Explanation

During internal consistency verification, the *product_name* program detected an incorrect length of the C2PC control block. The version of the C2PC control block is not usable. Execution of the current task is terminated.

User response

This situation should not occur during normal operation. It might be caused by an upgrade of the product code without an appropriate shutdown of the previous instance of the started task. It might also be caused by an destructive overlay of the control block. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem. It might be possible to recover from this situation via use of the FORCE startup parameter.

C2P0184I Force restart

Explanation

This is an informational message issued during initialization to confirm use of the FORCE option to recover from previous unrecoverable errors. It will be issued if the FORCE option was used to bypass a previous "Incorrect length" error.

C2P0185I Previous ASIDX *asid*

Explanation

This is a diagnostic message providing the hexadecimal representation of the Address Space ID (ASID) of the last instance of the started task that initialized the C2PC control block. It is issued in debug mode only, if the previous task was not properly shut down, or if instance of the started task is still active.

C2P0186I ASCB Address *address*

Explanation

This is a diagnostic message providing the hexadecimal representation of the entry in the systems address space vector table for the ASID given in message C2P0185I. This message will be issued in debug mode only, if the previous task was not properly shut down, or if another instance of started task is still active.

C2P0187E Task is still active

Explanation

The last instance of started task that initialized the C2PC control block is still active in the system. Only one instance of the product can be active at the same time. The current instance is terminated.

C2P0188I Improper shutdown detected, attempting cleanup

Explanation

The last instance of the started task that initialized the C2PC control block was not able to mark its termination in the C2PC control block. This is probably caused by a program error, or failure to use the STOP command to terminate the previous instance of the task.

User response

Use the STOP command to end the started task. If the STOP command does not result in termination of the started task, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2P0189E Exit *exitname* not specified for subsystem *subsys*

Explanation

The SMF parameter member in PARMLIB did not specify that SMF exit *exitname* should be invoked for the subsystem *subsys*. This results in zSecure Alert not being able to capture some SMF records for this subsystem. Some alert situations could occur without generating the proper alert.

User response

On z/OS 2.2 and below, ensure that for SYS, and all subsystems in the SMF parmlib member, exits

IEFU83, IEFU84, and IEFU85 are specified. On z/OS 2.3 and above, ensure that exit IEFU86 are specified. If IEFU86 is not specified on z/OS 2.3 and above, exits IEFU83, IEFU84, and IEFU85 are used as fallback. This might lead to missing certain event conditions. If you dynamically activate these exit routines with a SET SMF command, you should use the zSecure Alert RESTART command to enable the zSecure Alert task to use these exits to capture all available SMF records.

C2P0190W **Failure *action exit_name* exit, RC=*rc***

Explanation

When *action* is installing, an unexpected error occurred during the definition of the RACF exit *exit_name*. When *action* is deactivating, an unexpected error occurred during the deactivation of the RACF exit *exit_name*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0191I ***action exit_name* exit**

Explanation

This diagnostic message shows progress during activating or deactivating the zSecure Access Monitor. The variable *action* can have the value **Installed** or **Deactivated**.

C2P0192I **Remove old copy of *type* routine from LPA, RC=*retcode-reascode***

Explanation

This diagnostic message is issued to indicate that a previous copy of a system exit routine was removed from the in-storage LPA. The variable type in the message can have the value SMF for an SMF exit routine or ENF for an ENF notification exit. This message is also issued if an error occurred during this delete process.

C2P0193E **Could not load *type* routine from *location* into LPA, RC=*retcode-reascode***

Explanation

This error message is issued to indicate that a new copy of a system exit routine could not be loaded into the system LPA. The *type* variable in the message can have the value SMF for the C2PSMFU8 exit routine, or the value ENF for the C2PENFXR notification exit. The *location* variable can have the value LINKLIST or STEPLIB. The message is issued as an informational message if DEBUG messages are requested. The message for STEPLIB is also issued if the module cannot be located in either LINKLIST or STEPLIB. For details about the return code and reason code (*retcode-reascode*), see CSVDYLPA in *MVS Programming: Authorized Assembler Services Reference, Vol 1*.

C2P0194I ***type name***

Explanation

This is a diagnostic message providing the *name* of the started task associated with the address space that is currently active. This is a logical continuation of message C2P0186I.

C2P0195I **Added *type* routine from *location* to LPA, RC=*retcode-reascode***

Explanation

If DEBUG is specified, this informational message is issued to indicate that a new copy of a system exit routine is loaded from *location* into the system LPA. The *location* variable can have the value LINKLIST or STEPLIB. The *type* variable can have the value SMF for the C2PSMFU8 exit routine or the value ENF for the C2PENFXR notification exit.

C2P0196E ***product* must run as started task**

Explanation

The zSecure Alert and zSecure Access Monitor programs (C2POLICE and C2PACMON) must run as started tasks. Running these programs as part of a batch job is not supported. Execution is terminated.

C2P0197W **BufIndex Lock not available, wait**

Explanation

It is currently not possible to switch to the next buffer, because the SMF or WTO writing routine is switching to a new buffer. The buffer will be switched as soon as the lock is available.

C2P0198A **BufIndex Lock not available, exit**

Explanation

It is currently not possible to switch to the next buffer, because the SMF or WTO writing routine is switching to a new buffer. The buffer index cannot be accessed

to update the current buffer index. An other attempt to switch the current record buffer will be made at the next interval.

C2P0199A No Buffer available, Not switched

Explanation

It is currently not possible to switch to the next buffer. All the existing buffers are either locked, or being analyzed. An other attempt to switch the current record buffer will be made at the next interval.

C2P0200E DCB Abend exit was entered. Abend Code=*cde-reas*

Explanation

This message is issued if an OPEN abend occurs for one of the C2POLICE ddnames. The abend code is *cde*, and the reason code is *reas*.

User response

Check the abend and reason code in z/OS MVS System Codes. The most likely cause of the abend is an incorrect specification of the data set characteristics.

C2P0201I ENF listen request retcode=*retcode*

Explanation

This message is issued if debug was requested, or if an error occurred during setup of the ENF listen request. If the *retcode* field shows a value different from zero, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0202E Error deleting CKRCARLA routine, RC=*rc*

Explanation

During deletion of the CKRCARLA program a system error occurred. The error code is *rc*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the message log of the task that issued this message.

C2P0203I Removed CKRCARLA routine

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0204E Error return from IEANTDL, RC=*rc*

Explanation

The IEANTDL service failed with a return code *rc*

User response

Restart the task with the debug option. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the output of the started task.

C2P0205I Removed SMF Name/Token Pair

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0206I Removed PC-Routine Address

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0207I Made task swappable again

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0208I Found a buffer, free it

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0209I Address *address*

Explanation

This diagnostic message provides the address of the buffer that is about to be freed. It is a logical continuation of message C2P0208I.

C2P0210I Locked buffer found, wait for task to release

Explanation

This diagnostic message is issued to indicate that during the cleanup phase a buffer was found that was not released. This may be caused by an error, or by a subtask (the analysis task, for example) still being active. Freeing the buffer is delayed to allow the subtask to complete normally.

C2P0211I **No Buffers, next**

Explanation

This diagnostic progress message is issued when the cleanup routine detects that no in-memory record buffers were allocated. The task continues with the next part of the cleanup process.

C2P0212I **Found existing ET *ET-Token***

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0213E **Incorrect length of C2PC, attempt free**

Explanation

This error message is issued when the length of the C2PC control block in ECSA does not match the expected length of the control block. This may be caused by an overlay of the C2PC storage.

System action

The cleanup task will attempt to free the storage area using the length as recorded in the control block itself.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete output of the task (zSecure Alert), including the reason for use of the SIPL operator command.

C2P0214I **ET destroyed**

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0215I **No ET found, next**

Explanation

This diagnostic progress message is issued when the cleanup routine detects that no Entry Table was created. The task continues with the next part of the cleanup process.

C2P0216E **Special (Total) cleanup mode**

Explanation

As a result of the SIPL operator command, the cleanup routine will also remove the C2PC control block in ECSA and the pointer to it. This will result in loss of the system LX that was used for the current instance of the started task.

C2P0217I **Delete N/T**

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0218E **Error return from IEANTDL, RC=*rc***

Explanation

The IEANTDL service failed with a return code *rc* during delete of the pointer to the C2PC control block.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete output of the started task, including the reason for use of the SIPL operator command.

C2P0219I **Freemain C2PC**

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0220I **Removed dynamic exit *SMF-Exitname***

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0221E **Error deleting *SMF-Exitname* RC=*retc-reas***

Explanation

During removal of the SMF Exit using the MVS dynamic exit facility, a system error occurred. The return code of the CSVDYNEX service routine is *retc*, and the reason code is *reas*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete output of the started task.

C2P0222I Start of cleanup previous execution

Explanation

During initialization a previous instance of the started task was detected, which was not orderly shutdown. As part of the startup process, the orderly cleanup of the previous instance is performed.

C2P0223E Buffer not released, attempt to free anyway

Explanation

During cleanup, an in-memory buffer was found that is still in use, and that could not be reserved for exclusive use by the cleanup task. The cleanup task will continue and free the buffer anyway. This might result in an abend in the process that is using the buffer.

C2P0224E Impossible Bufsize, skip free

Explanation

The bufsize as recorded in the C2PC control block is outside its valid limits, or has a odd number of bytes. The bufsize length is probably incorrect. The cleanup task will not attempt to free any in-memory record buffer, as this would probably result in a system abend.

C2P0225E Impossible length of C2PC, terminate

Explanation

This error message is issued when the length of the C2PC control block in ECSA is too large. This may be caused by an overlay of the C2PC storage.

System action

Continue without attempting to free the storage.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create a problem report including the complete output of the started task, including the reason for use of the SIPL operator command.

C2P0226I End of cleanup previous execution

Explanation

During initialization, a previous instance of the started task was detected, which was not orderly shutdown. This progress message indicates the orderly cleanup of the previous instance is completed.

C2P0227E Error deleting C2PIORTN routine, RC=*rc*

Explanation

During deletion of the C2PIORTN module a system error occurred. The error code is *rc*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the message log of the task that issued this message.

C2P0228I Removed C2PIORTN routine

Explanation

This diagnostic message is issued as progress indicator for the cleanup process.

C2P0229E Product disabled here or install error, see C2PDEBUG

Explanation

A problem occurred during registration of the product.

User response

Check the detailed error messages in the C2PDEBUG file. Ensure that the correct products are not disabled in your IFAPRDxx parmlib member.

C2P0230E **Error return from IFAEDDRG, RC=*retcode***

Explanation

A problem occurred with the deregistration during the termination of the program.

User response

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0231I **IFAEDDRG for *product* succeeded**

Explanation

This diagnostic message is issued in debug mode to confirm successful deregistration of the product.

C2P0232I **Buffer stats: ACMN(cnt,len) *count-storage***

Explanation

This diagnostic message is provided as part of the buffer usage analysis. The number of access monitor (ACMN) records in the current buffer is *count*. The total size of these records is *storage*. The value of *storage* is truncated at 8 digits. Decimal digits that represent values above 99999999 are omitted.

C2P0233I **No records collected this interval**

Explanation

During the current reporting interval, no records were collected. No applicable events occurred, or no events passed the specified filtering criteria.

C2P0234I **Access Monitor captures requests for a user's own resources**

Explanation

This message indicates that requests for a user's own resources are captured in the Access Monitor events. Use of this option can significantly increase the amount of collected information.

C2P0235I **Access Monitor ignores requests for a user's own resources**

Explanation

This message indicates that requests for a user's own resources are not captured in the Access Monitor events. This is the default status if the INCLUDEOWNRESOURCE keyword is not specified.

C2P0236I **Access Monitor captures requests for a user's own resources**

Explanation

This message is part of the response to the console operator DISPLAY command. At the moment of the DISPLAY command, the zSecure Access Monitor captures records for each request for a user's own resources, like a private data set or a job running with the user's user ID.

C2P0237E **zSecure Access Monitor requires z/OS 1.8 or higher**

Explanation

zSecure Access Monitor only runs on z/OS 1.8 and higher. Other versions of the operating system environment are not supported. The program terminates.

C2P0238E **Cannot open C2PEMFRB. Snapshot usage is not *action*.**

Explanation

This error message is issued if the C2PEMFRB ddname is allocated but cannot be opened. The variable action can have the value retrieved or saved.

User response

Check the data set characteristics of the C2PEMFRB data set. It has RECFM=FB and LRECL=80. If the data set exists and has the correct characteristics, but the error still occurs, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0239E **Could not close C2PEMFRB.**

Explanation

This error message is issued if the C2PEMFRB ddname is allocated and processed, but cannot be closed.

C2P0240I **Collect Timer Loop**

Explanation

This diagnostic message is issued to report expiration of the Collect timer.

C2P0241I **The CKFREEZE collection task is active**

Explanation

This diagnostic message is issued to indicate that the zSecure Collect task that collects system information in the CKFREEZE file is executing.

C2P0242I **The CKFREEZE collection task is finished**

Explanation

This diagnostic message is issued to indicate that the zSecure Collect task that collects system information in the CKFREEZE file has finished.

C2P0243E **Error attaching Collect Timer routine, RC=*rc***

Explanation

When attaching the timer task for the system data collection timer, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0244I **Successfully attached Collect Timer routine**

Explanation

This diagnostic message indicates that the timer routine for collecting system data was successfully attached.

C2P0245E **START command for *CollectSTCName* failed RC=*rc***

Explanation

The start command for the zSecure Collect started task failed. The name of the started procedure is *CollectSTCName*, and the return code from the MGCRE macro used to start the task is *RC*.

C2P0246E **Internal error: Invalid CKFTABLE address.**

Explanation

This message represents an internal error.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0247E **Error attaching CKFCOLL, RC=*rc***

Explanation

During attaching the CKFCOLL program, a system error occurred. The ATTACH error code was *rc*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0248E **No extended monitor snapshot data sets were found.**

Explanation

This error message is issued if no extended monitor snapshot data sets could be located in the system catalog. This message is normal during the first start of C2POLICE with Extended Monitoring active. The extended monitoring data sets are created as part of Extended Monitoring processing.

User response

If Extended Monitoring has been active for a period longer than the preprocessing interval specified by OPTION STAGE1INTERVAL or OPTION PREPROCESSINTERVAL, investigate why no extended monitoring snapshot data sets are found. The reason could be failure of creation of the data sets, these data sets not being cataloged, or other reasons.

C2P0249E **Too many extended monitor snapshot data sets. Exit.**

Explanation

This error message is issued if more than 728 snapshot data sets are found in the system catalog. During normal operation, the maximum number of extended monitor snapshot data sets expected to exist at any given time is 595. Data sets older than

the specified retention period (specified in OPTION EXTMON(RETAIN(hh))) are automatically deleted.

User response

Investigate why extended monitor snapshot data sets are not deleted. The reason could be authorization failures, or data sets other than the intended extended monitor data sets being listed. Verify that the C2PEMFRT member specifies the correct data set name for the extended monitor snapshot data sets. Delete obsolete or expired data sets.

C2P0250I Catalog list was successful.

Explanation

This informational message is issued after successfully listing the extended monitor data set in the system catalog.

C2P0251E Cannot open PARMLIB

Explanation

An error occurred when attempting to open the parmlib file for processing the options and parameters.

User response

Ensure that the PARMLIB DD-statement is allocated to a sequential file with Fixed Blocked format and an LRECL of 80. You can also inspect the accompanying IEC message for further information.

C2P0252I End of Parmlib file

Explanation

This diagnostic message is issued when all records in the parmlib file have been processed.

C2P0253E Could not close PARMLIB

Explanation

An error occurred when attempting to close the parmlib file for processing the options and parameters.

User response

Ensure that the PARMLIB DD-statement is allocated to a sequential file with Fixed Blocked format and an LRECL of 80. You can also inspect the accompanying IEC message for further information.

C2P0254I Specified WTO Filter Prefix is *msg-prefix*

Explanation

This diagnostic message provides the *msg-prefix* that is used as a WTO message filter criteria.

C2P0255I Deactivated WTO Filter for prefix *prefix*

Explanation

This diagnostic message indicates that the WTO filter for *prefix* has been deactivated.

Note: If all WTO filter criteria are deactivated, all WTO messages will be selected.

C2P0256I Specified report member is *member*

Explanation

This diagnostic message provides the member name of the main CARLa member that is used for the record analysis.

C2P0257I Specified samplib ddname is *ddname*

Explanation

This diagnostic message provides the ddname for the *product* sample library.

C2P0258I Specified Time-Averaged interval is (sec) *averageinterval*

Explanation

This diagnostic message provides the specified time interval *interval* used for long-term threshold type analysis.

C2P0259E Specified Time-Averaged interval invalid *interval*

Explanation

This error message is issued when the specified interval *interval* used for long-term threshold type analysis is invalid. The valid range is from 10 to 9999 seconds.

C2P0260I Specified *type* member is *name*

Explanation

This diagnostic message provides the member *name* specified for the preprocessing or consolidation CARLa. The *type* in the message is either preprocessing or consolidation.

C2P0261I **zSecure Collect Runs at (HHMM) *HHMM***

Explanation

This diagnostic message provides the specified starting time of the zSecure Collect started task, which is used to load the CKFREEZE file with system information.

C2P0262E **zSecure Collect runtime invalid *HHMM***

Explanation

The specified time of day that the zSecure Collect task should be started is invalid. The *HHMM* should specify a time between 0000 (midnight) and 2359 (1 minute before midnight).

User response

Specify a valid time of day.

C2P0263I **Command found is *command***

Explanation

This diagnostic message provides the *command* received from the operator or read from the PARMLIB file.

C2P0264I **zSecure Collect started procedure name is *procname***

Explanation

This diagnostic message provides the specified procedure name used in the start command for the zSecure Collect started task.

C2P0265I **Specified retention period is *retpd*.**

Explanation

If debugging messages are requested, this informational message is issued to confirm the setting of the retention period in hours of the extended monitor snapshot data sets.

C2P0266I **Debug ExtMon is activated.**

Explanation

If general debugging messages are requested, this informational message is issued to confirm that extended monitor debug messages are issued.

C2P0267I **No command found (? or /*)**

Explanation

The input record did not contain any recognized command. The record could be a comment record. This message is issued only if DEBUG MAIN has been specified.

C2P0268E **Command not recognized: *command* in member *member-name* in data set: *data-set-name***

Explanation:

This message and its continuation indicate that a command in parmlib was not recognized.
command shows either the first word or the first 10 characters in the parmlib record.
member-name shows the member that is being processed.
data-set-name shows the data set that contains the member.

User response:

Verify that the correct parmlib member is specified, and that the contents of that member are valid command syntax.

C2P0269E **Invalid parameter, see SYSTSPRT, Parse-RC=*rc***

Explanation

The command specified in parmlib or entered by the console operator did not have valid syntax. The SYSTSPRT file has details about the keywords and parameters that were not accepted.

User response

Check the error messages in the SYSTSPRT file, and retry the command.

C2P0270E **SVC26 return code =*rc*. Exit**

Explanation

This error message is issued when the catalog interface routine ended with an unexpected return code.

User response

Check the catalog management return codes as listed for message IDC3009I.

C2P0271I **Debug C2PC(*option*) specified**

Explanation

This diagnostic message confirms the requested action on the C2PC common area. This option is

intended to be used under direction of IBM support personnel only. Possible values for *option* are:

ACTIVE
The C2PC common area should be shown on the system console via C2P0802I messages.

COPY
The saved copy of the C2PC common area should be shown on the system console via C2P0802I messages.

SAVE
The C2PC common area will be saved in the designated save area.

CLEAR
The save area used for the copy of the C2PC common area will be cleared

????
An unknown suboption for the C2PC DEBUG option has been specified.

C2P0272I Debug ALL is activated.

Explanation

This diagnostic message confirms that ALL diagnostic messages will be generated.

C2P0273E Specified retention period is out of range: *retpd*.

Explanation:
This error message is issued if the retention period specified in the OPTION EXTMON(RETAIN(hh)) command is outside the valid range of 2 - 99 hours. If the specified value is too low, the minimum value 2 is used. If the specified value is too high, the maximum value 99 is used.

User response

Verify that the retain keyword specifies a valid number of hours.

C2P0274W Pause services returned rc= *retcode*

Explanation

This diagnostic message shows the first non-acceptable return code from MVS PAUSE services. This information is not intended for customer diagnostics, but for IBM support personnel usage only.

C2P0275I Specified BufSize (*size-unit*) is *bufsize*

Explanation

This diagnostic message provides the buffer size in effect. Possible values for the *size-unit* are `KBytes` and `MBytes`

C2P0276E Specified *size-keyword* is out of range *bufsize*

Explanation

The specified *bufsize* is either too large or too small. Valid size for the in-memory buffers is between 1 kilobyte and 1 gigabyte. The value can be specified in kilobytes using the BufSize keyword, or in megabytes using the BufSizeMB keyword.

System action:
The system uses the minimum or the maximum supported buffer size.

User response

Specify a valid value for BufSize or BufSizeMB.

C2P0277I Specified Number of Buffers is *numbufs*

Explanation

This diagnostic message provides the number of buffers in effect.

C2P0278E Number of buffers out of range *numbufs*

Explanation

The specified value for *numbufs* is either too large or too small. Valid amount of in-memory record buffers is between 2 and 32.

C2P0279I Specified reporting interval is (sec) *interval*

Explanation

This diagnostic message provides the specified time interval for alert analysis or for data capture processing.

C2P0280E Specified Reporting Interval is out of range: *interval*

Explanation

This error message is issued when the specified interval for alert analysis or data capture processing is invalid. The valid range is from 10 to 3600 seconds.

C2P0281I Specified SMF Filter Rectype is *ttt*

Explanation

This diagnostic message provides the specified value (*ttt*) for the SMF record type to be used as a filter criterion.

C2P0282E **Specified SMF Filter Rectype is out of range: *ttt***

Explanation

SMF records have a range of 0 to 255. The specified value *ttt* is outside this range.

C2P0283I **Specified SMF Filter Subtype is *sss***

Explanation

This diagnostic message provides the specified value (*sss*) for the SMF record subtype to be used as a filter criterion. The subtype is only supported for SMF record type 30, and for the event-code in the RACF SMF records.

C2P0284E **Specified SMF Filter Subtype is out of range: *sss***

Explanation

SMF records have a subtype range of 0 to 255. The specified value *sss* is outside this range.

C2P0285I **Extended Monitoring is activated.**

Explanation

If debugging messages are requested, this informational message is issued to confirm that extended monitor is activated.

C2P0286I **Extended Monitoring is deactivated.**

Explanation

If debugging messages are requested, this informational message is issued to confirm that extended monitor is deactivated.

C2P0287I **Preprocessing interval is (min) *interval***

Explanation

This diagnostic message provides the period between each refresh of the system environment information.

C2P0288E **Preprocessing interval is out of range *interval***

Explanation

The specified value for the refresh of the environment information is invalid. Valid range is from 10 to 1440 minutes.

C2P0289I **Deactivated SMF Filter for rectype *rectype***

Explanation

This diagnostic message indicates that the SMF filter for SMF record type *rectype* has been deactivated. If all SMF filter criteria are deactivated, all SMF records will be selected.

C2P0290I **Deactivated SMF Subtype Filter**

Explanation

SMF record Subtype filtering has been deactivated for this SMF Filter.

C2P0291I **All debug options are deactivated.**

Explanation

This diagnostic message confirms that no diagnostic messages will be generated any longer.

C2P0292I **Debug SMF is activated.**

Explanation

This diagnostic message confirms that SMF collection related diagnostic messages will be generated.

C2P0293I **Debug SMF is deactivated.**

Explanation

This diagnostic message confirms that SMF collection related diagnostic messages will no longer be generated.

C2P0294I **Debug WTO is activated.**

Explanation

This diagnostic message confirms that WTO collection related diagnostic messages will be generated.

C2P0295I **Debug WTO is deactivated.**

Explanation

This diagnostic message confirms that WTO collection related diagnostic messages will no longer be generated.

C2P0296I **Debug MAIN is activated.**

Explanation

This diagnostic message confirms that diagnostic messages related to the mainline processing will be generated.

C2P0297I Debug MAIN is deactivated.

Explanation

This diagnostic message confirms that diagnostic messages related to the mainline processing will no longer be generated.

C2P0298I Debug BUFFER is activated.

Explanation

This diagnostic message confirms that buffer usage diagnostic messages will be generated.

C2P0299I Debug BUFFER is deactivated.

Explanation

This diagnostic message confirms that buffer usage diagnostic messages will no longer be generated.

C2P0300I Data capture timer loop

Explanation

This diagnostic message is issued at the start of the data capture process, when option debug has been specified.

C2P0301E COM N/T not found

Explanation

The Name/Token pair used for retrieval of the C2PC control block could not be obtained.

User response

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0302E PC N/T not found

Explanation

The Name/Token pair used by the SMF record capture routine could not be obtained.

User response

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0303E Buffer index problem occurred

Explanation

An internal error occurred accessing the in-memory buffers.

User response

If this message occurs frequently (once every reporting period), you can attempt to recover from this situation by issuing the RESTART command via the operator command MODIFY *stcname*, RESTART. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0304E Buffer Overflow occurred

Explanation

The in-memory buffer used for collection of the capture data was not large enough.

User response

Use the OPTION and REPORT commands to specify a larger buffer size and a shorter reporting interval. In zSecure AlertzSecure Alert, you can also use the FILTER keywords to skip unneeded SMF-records or WTO-messages.

C2P0305E Buffer locking problem occurred

Explanation

The in-memory buffer used for the collection of the captured data could not be obtained for exclusive use. Exclusive use is needed for a short period to add data to the buffer.

User response

This situation should only occur during periods of high system activity. If the message occurs frequently, or if it occurs during periods of low system activity, see the IBM Support Community for possible maintenance associated with this message.

If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0306I Health Check completed

Explanation

This diagnostic message is issued at the end of internal error checking phase, when the debug option has been specified.

C2P0307A Next buffer is locked or in use, skip

Explanation

Switching of the in-memory buffer is not possible, because the next buffer is still being used. The locked buffer will be ignored. When all other buffers have been used, accessing the currently locked buffer will be attempted again.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. You might be able to recover from this situation via the use of the RESTART operator command.

C2P0308E Crashing without ESTAEX

Explanation:
This message indicates that the CRSH command is processing.

C2P0309W Number of buffers too small for any long term analysis

Explanation

The specified number of buffers is too small to keep history records. Verify that the number of buffers specified is larger than 2.

User response

Ensure at least 3 in-memory buffers are specified via OPTION NUMBUFS. The recommended number of buffers is at least TimeAverage / Interval + 1.

C2P0310E Reporting task prematurely ended, restart

Explanation

The reporting task (CKRCARLA) stopped without being explicitly requested to stop. It will be restarted at the next reporting interval.

C2P0311E Error attaching data capture task, RC=*rc*

Explanation

During attaching the independent data capture task, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0312E Error attaching CKRCARLA MGR task, RC=*rc*

Explanation

When attaching the independent data collection task, a system error occurred. The ATTACH error code was *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0313W Return code *rc* from CKRCARLA, see C2PDEBUG

Explanation

An error occurred during the analysis of the captured data. Details will be available in the C2PDEBUG file.

C2P0314W Waiting to restart *task-name* task

Explanation

The Alert reporting or Access Monitor recording task ended prematurely, or with a high return code. This could be caused by an error in the CARLa statements in the input member. The restart of the task is delayed to allow more time to correct the cause of the problem.

User response

Check the CKRCARLA output in the C2PDEBUG file and correct any errors.

C2P0315E Cannot open SYSPRRPT, exit

Explanation

An open error occurred for the SYSPRRPT file. This file should be preallocated to a temporary data set with record format VBA and an LRECL of 255. See the accompanying IEC message for additional information.

User response

Ensure that a SYSPRRPT file with the correct characteristics is available.

C2P0316E Could not close SYSPRRPT

Explanation

A close error occurred for the SYSPRRPT file.

C2P0317E Cannot open C2PDEBUG, exit

Explanation

An open error occurred for the C2PDEBUG file. This file should be preallocated to a temporary data set with record format VBA and an LRECL of 255. See the accompanying IEC message for additional information.

User response

Ensure that a C2PDEBUG file with the correct characteristics is available.

C2P0318E Could not close C2PDEBUG

Explanation

A close error occurred for the C2PDEBUG file.

C2P0319I New start of CKRCARLA task

Explanation

This diagnostic message is issued to indicate that a new instance of the CKRCARLA data processing task is about to be started.

C2P0320E Error attaching CKRCARLA, RC=*rc*

Explanation

When attaching the CKRCARLA task, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0321E System abend *abndcode-reascode* in CKRCARLA, see C2PDEBUG

Explanation

An error occurred during the analysis of the captured data. Details are available in the C2PDEBUG file.

C2P0322E Error attaching internal timer routine, RC=*rc*

Explanation

During attaching an internal timer task, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0323I Current buffer index was *bufindex*

Explanation

This diagnostic message is provided as part of the buffer locking problem analysis. It is a logical continuation of message C2P0305E. The buffer being used for data collection at the time of the error was *bufindex*.

C2P0324I Buffer(*nn*) Status(*status-list*) *Last-task*

Explanation

This diagnostic message is provided as part of the buffer locking problem analysis. It is a logical continuation of message C2P0305E. All buffers are listed sequentially in multiple C2P0324I messages. The status can be a combination of

ActCol
The buffer is being used for collecting data.

ToBeAn
The buffer has recent SMF or WTO information, which has not yet been analyzed.

CurHis
The buffer has SMF or WTO information that should be analyzed as part of the recent or history data collections.

Locked
The buffer is currently locked because of update activity.

The *Last-Task* is either of the following (sub)routines

- CKRCARLA IO-Routine
- Switch to next
- Set status
- SMF Collect
- WTO Collect
- None

C2P0325I Buffer stats SMF(cnt,len) *count-storage*

Explanation

This diagnostic message is provided as part of the buffer usage analysis. The number of SMF records in the current buffer is *count*. The total size of these records is *storage*. The value of *storage* is truncated at 8 digits. Decimal digits that represent values above 99999999 are omitted.

C2P0326I Buffer stats WTO(cnt,len) *count-storage*

Explanation

This diagnostic message is provided as part of the buffer usage analysis. The number of WTO messages in the current buffer is *count*. The total size of these messages is *storage*. The value of *storage* is truncated at 8 digits. Decimal digits that represent values above 99999999 are omitted.

C2P0327I Buffer stats Oth(cnt,len) *rec-count-num-bytes*

Explanation

This diagnostic message is provided as part of the buffer usage analysis. The number of unknown records (that is, Not SMF or WTO records) in the current buffer is *rec-count*. The total size of these records is *num-bytes*. These numbers should normally both be zero.

C2P0328E STACK failed; RC=*retcode*

Explanation

Use of TSO STACK function to read data from an external file failed. The return code from the TSO STACK function is included in the message.

User response

Retry the operation. If it fails again, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0329I IARV64 RC=*retcode-reascode*

Explanation

An error occurred while obtaining storage for the data collection buffers. The error code is *retcode*, and the reason code is *reascode*.

User response

Check IARV64 return and reason codes.

C2P0330E Error attaching Reporting Timer routine, RC=*rc*

Explanation

When attaching the timer task for the analysis routine, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0331I Successfully attached Reporting task

Explanation

This diagnostic message indicates that the reporting task was successfully attached.

C2P0332I Successfully attached CKRCARLA MGR task

Explanation

This diagnostic message indicates that the environment analysis task was successfully attached.

C2P0333I **Buffer stats for buffer *bufindex***

Explanation

This diagnostic message is provided as part of the buffer usage analysis. *Bufindex* is the index to the current buffer that is about to be analyzed.

C2P0334I **Extended buffer used**

Explanation

The in-memory buffer used for collection of the SMF-records and WTO-messages was not large enough. An additional buffer was used to collect the SMF-records and WTO-messages.

C2P0335E **zSecure *task-name* inactive**

Explanation

Because of a serious error, the alert reporting task or the data capture task is not active. No alerts will be generated and no access data will be captured.

User response

Inspect the contents of the C2PDEBUG file for error messages. Correct the problem, and restart the task via the RESTART operand of the operator MODIFY command.

C2P0336W **Number of buffers too small for requested AverageInterval time**

Explanation

The specified number of buffers is too small to keep history records for the time period specified in the AverageInterval parameter. Buffers containing history data that has not yet been expired will be overwritten with current data. Specify a larger number of buffers, or reduce the AverageInterval as described in the command reference section.

C2P0337W **HISTORY data lost, increase bufnum and/or bufsize**

Explanation

This message will be issued if an extended buffer was needed to contain SMF or WTO data, and no free buffer was available. The oldest history buffer will be used and overlaid with current data. Alerts based on History data may be lost. You should increase the number of buffers or the bufsize to prevent data loss.

C2P0338E **User Abend *abndcode-reascode* in CKRCARLA, see C2PDEBUG**

Explanation

An error occurred during the analysis of the captured data. Details are available in the C2PDEBUG file.

C2P0339E **zSecure *task-name* inactive**

Explanation

This message is part of the response to the console operator DISPLAY command. It shows that due to a serious error, the *task-name* is not active. *task-name* can be either the `Alert reporting task` or the `Access Monitor recording task`. No alerts are generated and no access data is captured.

User response:
See message C2P0335E

C2P0340I **Access Monitor prepares files for Analytics processing**

Explanation

This message is part of the response to the console operator DISPLAY command. It indicates that the collected access records are preprocessed for use by an analytics application.

C2P0341I **Analytics CARLa member is *member-name***

Explanation

This message is part of the response to the console operator DISPLAY command. It shows the member name that contains the CARLa statements that are used to create the analytics files.

C2P0342I **Analytics directory is *directory-name***

Explanation

This message is part of the response to the console operator DISPLAY command. It shows the directory name that is used to store the analytics files.

C2P0343I **Analytics file umask is *umask***

Explanation

This message is part of the response to the console operator DISPLAY command. It shows the umask that is in effect when creating the analytics files.

C2P0344I **Analytics file retention is *num-days* days**

Explanation

This message is part of the response to the console operator DISPLAY command. It shows the number of days that the analytics files are saved until they are automatically removed.

C2P0345W **RECENT data lost, increase bufnum and/or bufsize**

Explanation

This message is issued if an extended buffer is needed to contain the capture data, and the buffer containing the oldest data is already used during the current interval. The oldest data from the current interval will be overlaid. Data will be lost.

User response

Increase the number of buffers or the bufsize to prevent data loss.

C2P0346I ***status dsname***

Explanation

This diagnostic message is issued in response to the DIAGNOSE EXTMON(All/Current) command. It shows the status and the name of the extended monitor snapshot data sets. The message is repeated for all extended monitor snapshot data sets requested. The status field consists of 8 characters that are shown as either a dot or as a character. The format of status is

```
LCB..CED
L Data set found in system catalog
C This is the Current snapshot data set
B This is the Baseline snapshot data set
.    Reserved
C    The data set is to be created
E    The data set is expired and should be
deleted
D    The data set has been deleted
```

C2P0347I **Debug IO is activated.**

Explanation

This diagnostic message confirms that diagnostic messages related to IO processing will be generated.

C2P0348I **Debug IO is deactivated.**

Explanation

This diagnostic message confirms that diagnostic messages related to IO processing will no longer be generated.

C2P0349I **Baseline Index=*Base-index* Current Index=*Curr-index***

Explanation

This diagnostic message is issued in response to the DIAGNOSE EXTMON(All/Current/Header) command. It shows the baseline and current index numbers in the list of extended monitor snapshot data sets. This internal number reflects the relative position in the internal array.

C2P0350E **File already open, exit**

Explanation

This error message is returned to the caller of the C2PIORTN module in case an attempt is made to reopen an already open file.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2P0351E **Internal Error, exit**

Explanation

This error message is returned when the C2PIORTN module cannot establish the address of the C2PC communication area.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2P0352E **Version mismatch, exit**

Explanation

This error message is returned to the caller of the C2PIORTN module when the version indicator in the C2PC communication area is not correct.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2P0353E **Unknown DDname**

Explanation

This error message is returned to the caller of the C2PIORTN module in case an attempt is made to open a file that is not one of the supported types. The file type must be represented in characters five to seven of the DDname.

User response

Ensure that the DDnames reflect only a supported file type.

C2P0354E File not open, exit

Explanation

This error message is returned to the caller of the C2PIORTN module when an attempt is made to CLOSE a file that has not been opened.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0355E File not open, exit

Explanation

This error message is returned to the caller of the C2PIORTN module when an attempt is made to GET a record from a file that has not been opened.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0356E Invalid function code

Explanation

This error message is returned to the caller of the C2PIORTN module when an invalid function code is provided via the invocation parameters.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0357W C2PEMFRB ddname was not found. Snapshot usage was not saved.

Explanation

This warning message is issued when the C2PEMFRB ddname is not allocated. Saving the name of last used current snapshot data set is not possible. It might result in issuing the same alert twice or missing extended monitoring alerts if the C2POLICE started task is stopped and restarted.

User response

Ensure that the C2PEMFRB ddname is allocated to the C2PEMFRB data set, as described in *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

C2P0358E Buffer still locked, exit

Explanation

This error message is returned to the caller of the C2PIORTN module when the assigned buffer is locked. This is an internal buffer-handling problem.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0359E Current buffer locked, exit

Explanation

This error message is returned to the caller of the C2PIORTN module when the buffer that is currently being processed for end-of-buffer appears to be locked by some other task. This is an internal buffer-handling problem.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0360I Daily CKFREEZE DSName is *dsname*

Explanation

This message is part of the response to the operator DISPLAY command. The text of the message and the *dsname* are each shown in a separate message line. The message shows the name of the full-size CKFREEZE data set that is used for event-based alert generation. This data set is allocated to the CKFREEZE ddname and is refreshed once a day.

C2P0361I **Open of *ddname* for type *newlist-type***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0362I **Close of *ddname***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0363I **Get record for *ddname***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0364I **(Re)Open of *ddname* Using buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0365I **EOF on *ddname* Close buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0366I **EOF on *ddname* Try buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0367I **EOF on *ddname* No more buffers**

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0368I **EOF on *ddname* Use buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0369I **Increment use for *ddname* and buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0370I **Counter now *use_counter***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0371I **Decrement use for *ddname* and buffer *buf_num***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0372I **Counter now *use_counter***

Explanation

This diagnostic trace message is written because of DEBUG IO.

C2P0373I ***ddname* Waiting after soft EOF**

Explanation

This diagnostic message is issued to indicate that processing a GET record request is currently delayed till the end of the reporting interval.

C2P0374I ***ddname* Continue after S-EOF**

Explanation

This diagnostic message is issued to indicate that processing a GET record request is resumed.

C2P0375I ***hexdata***

Explanation

This diagnostic message shows the first 16 bytes of the current SMF or WTO record in hexadecimal format

C2P0376I ***ddname* at EOF**

Explanation

This diagnostic message is issued to indicate that a GET record request reached the end of the in-storage buffer. The task will be delayed on the next GET record for this *ddname*.

C2P0377I ***ddname* hard EOF**

Explanation

This diagnostic message is issued to indicate that a GET record request reached the end of the in-storage buffer. Since the end of the `Stage 1` cycle has been reached, a hard EOF is signalled to CKRCARLA to terminate processing.

C2P0378I **WTO Task console name *console-name***

Explanation

This message is part of the response to the console operator DISPLAY command. The *console-name* is the name of the EMCS console currently used to collect WTO messages.

C2P0379I **Specified Extmon member is *membername*.**

Explanation

If general debugging messages are requested, this informational message is issued to confirm the name of the member that contains the CARLa specification for the extended monitoring alerts.

C2P0380I ***Process_task* started**

Explanation

This diagnostic message is issued at the start of the preprocessing or data consolidation process when option debug has been specified.

C2P0381E **Error attaching *Process_task*, RC=*rc***

Explanation

When attaching the *Process_task*, a system error occurred. The error code from ATTACH is *rc*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0382W **Return code *rc* from CKRCARLA, see C2PDEBUG**

Explanation

An error occurred during the analysis of the captured data. Details are available in the C2PDEBUG file.

C2P0383E **System Abend *abndcode-reascode* in Stage-1 CKRCARLA, see C2PDEBUG**

Explanation

An error occurred during the analysis of the captured data. Details are available in the C2PDEBUG file.

C2P0384E **Cannot open SYSPRST1, exit**

Explanation

An open error occurred for the SYSPRST1 file. This file should be preallocated to a temporary data set with record format VBA and an LRECL of 255. See the accompanying IEC message for additional information.

User response

Ensure that a SYSPRST1 file with the correct characteristics is available.

C2P0385E **Could not close SYSPRST1**

Explanation

A close error occurred for the SYSPRST1 file.

C2P0386I **Current Extmon dsname entry number is *Curr-index*.**

Explanation

This information message is issued in response to the operator DISPLAY command. It shows the internal entry number of the extended monitoring data set that is used in the current comparison process. It is the data set that has been created most recently. If the number is zero, extended monitoring has not yet fully initialized and message C2P0387I is not issued.

C2P0387I **Current ExtMon dsname is *dsname***

Explanation

This message is part of the response to the operator DISPLAY command. The text of the message and the *dsname* are each shown in a separate message line. The message shows the name of the extended monitoring data set that is used in the current comparison process. It is the data set that has been created most recently. This message is not issued if the *curr_index* as shown in message C2P0386I is zero.

C2P0388W **Start of *Process_task* delayed**

Explanation

Starting the *Process_task* is currently not possible. The task will automatically be started after completion of the blocking process.

C2P0389I **Requested restart of CKRCARLA task**

Explanation

The diagnostic message is issued at the completion of the environment information refresh (Stage-1 CARLa). It indicates that the current reporting task is posted to stop and a new instance should start.

C2P0390I ***Process_task* completed**

Explanation

The *Process_task* completed. If an error occurred during processing, the message will be preceded by message C2P0382W or C2P0383E.

C2P0391E **User Abend *abndcode-reascode* in CKRCARLA, see C2PDEBUG**

Explanation

An error occurred during the analysis of the captured data. Details are available in the C2PDEBUG file.

C2P0392I ***c2pio_ddname* soft EOF**

Explanation

This diagnostic message indicates that the current record retrieval request for stream *c2pio_ddname* results in the return of a soft-eof. The next request for the current stream will result in a wait for the next record to become available, probably at the next reporting interval.

C2P0393I ***c2pio_ddname* Imm. Wait**

Explanation

This diagnostic message indicates that the current record retrieval request for stream *c2pio_ddname* is delayed till a record becomes available, probably at the next reporting interval.

C2P0394I ***c2pio_ddname* Continue after Imm. Wait**

Explanation

This diagnostic message indicates that a buffer switch has occurred. The buffer will be analyzed. Any records of the appropriate type will be passed to the calling program.

C2P0395I **C2PC saved in copy area**

Explanation

This message is issued in confirmation of the operator DIAGNOSE(C2PC(SAVE)) command. The current contents of the C2PC control block are saved in a static copy that can be viewed using the DIAGNOSE(C2PC(DUMP(COPY))) operator command, or can be found in a dump. The saved C2PC contents are intended for use only by IBM support personnel.

C2P0396I **C2PC copy area cleared**

Explanation

This message is issued in confirmation of the operator DIAGNOSE(C2PC(CLEAR)) command. The current contents of the static copy of the C2PC control block are removed. Information that was saved because of a previous error or because of an operator DIAGNOSE(C2PC(SAVE)) command is no longer available. The saved C2PC contents are intended for use only by IBM support personnel.

C2P0397I **Diag C2PC(DUMP(Act)) is specified.**

Explanation

This message is issued in response to the operator DIAGNOSE C2PC command. It is followed by multiple messages, showing the contents of the active C2PC data area in hex-dump format.

C2P0398I **Diag C2PC(DUMP(copy)) is specified.**

Explanation

This message is issued in response to the operator DIAGNOSE C2PC command. It is followed by multiple

messages showing the contents of the saved copy of the C2PC data area in hex-dump format.

C2P0399I Debug ExtMon is deactivated.

Explanation

If general debugging messages are requested, this informational message is issued to confirm that extended monitor debug messages are no longer issued.

C2P0400E Maintask ABEND (Hex) *abndcode*, Reasoncode (Hex) *reascode*

Explanation

An error occurred during the execution of a zSecure Alerttask. The *abndcode* represents the uninterpreted abend code (the hexadecimal representation of the User and System Abend codes) and *reascode* is the hexadecimal representation of the reason code. The *reascode* is shown as not applicable (N/A) if the abend does not have a reasoncode, or if no System Diagnostic WorkArea is present. See the additional messages for detailed information about this abend.

C2P0401E Cannot perform cleanup *code*

Explanation

During the cleanup attempt, it was not possible to establish the address of the C2PC communication area. Without this control block, cleanup is not possible. The code *code* is the return code from the IEANTRT routine used to locate the C2PC.

C2P0402I Attempting cleanup

Explanation

This progress message is issued to indicate that the attempt to cleanup system resource prior to address space termination is started. In debug mode, separate progress messages of the cleanup process may be issued.

C2P0403I Cleanup completed

Explanation

This progress message is issued at the end of the cleanup process to indicate that address space termination will now continue.

C2P0404W Stage1interval is smaller than AverageInterval

Explanation

The environment information is refreshed more frequently than useful. Refreshing the environment information too often will use more system resources than necessary. Recommended setting for stage1interval is between 10 and 20 times the specified averageinterval.

C2P0405W AverageInterval is smaller than Interval

Explanation

The period specified for long-term reporting is shorter than the period for short-term reporting. This will result in loss of some records from the long-term alert processing. Recommended setting for averageinterval is between 5 and 20 times the interval.

C2P0406W ACF2 record type unknown

Explanation

Use of the ACF2 keyword to specify selection of ACF2 records as filter criterion is not possible. The FILTER command is ignored.

C2P0407W WTO Filter for prefix *prefix* not found

Explanation

The prefix specified in the FILTER DELWTO command was not active as a WTO message prefix filter criterion. The FILTER command is ignored.

C2P0408I Simulate options for system *sysname*

Explanation

This diagnostic message shows the system name for which simulate options have been specified.

C2P0409I SMF record number is *record-type*

Explanation

This diagnostic message is a continuation of message C2P0408I. It shows the SMF record number to be used for ACF2 records.

C2P0410E Subtask ABEND (Hex) *abndcode*, Reasoncode (Hex) *reascode*

Explanation

An error occurred during the execution of the zSecure Audit subtask. The *abndcode* represents the uninterpreted abend code (the hexadecimal

representation of the User and System Abend codes) and *reascode* is the hexadecimal representation of the reason code. The *reascode* is shown as not applicable (N/A) if the abend does not have a reasoncode, or if no System Diagnostic WorkArea is present. See the additional messages for detailed information about this abend.

C2P0411I **No WTO filter active**

Explanation

This message is part of the response to the console operator DISPLAY command. It will be issued if no filter criteria have been specified for WTO messages.

C2P0412W **Insufficient space to add WTO filter**

Explanation

The maximum number of WTO prefixes used to select WTO messages has been exceeded. The additional WTO message prefix was not added to the filter criteria. The current implementation allows 24 WTO message prefixes.

User response

Remove WTO filter criteria that are no longer needed, or combine multiple prefixes into a more generic prefix.

C2P0413W **Prefix already present**

Explanation

The prefix as specified in the FILTER ADDWTO command was found in the list of currently active WTO prefix based selections. The specified WTO message prefix was not added.

C2P0414W **Duplicate extended monitor snapshot data set. Skip one cycle.**

Explanation

This warning message is issued if the new extended monitoring snapshot data set name already exists in the system catalog. The new extended monitoring snapshot data set is not created. Extended monitoring is temporarily suspended. At the next cycle, all changes between the existing baseline and the new snapshot data set are analyzed, possibly resulting in delayed alerts.

C2P0415I **Expired snapshot data set *dsname*.**

Explanation

This informational message is issued when DEBUG EXTMON is set and a data set as located in the system catalog is determined to be older than the specified retention period. The data set is deleted.

C2P0416I **Extended Monitor snapshot table header.**

Explanation

This informational message is issued in response to a DIAGNOSE EXTMON(HEADER) command. It is a header message and is followed by several C2P0701I and C2P0702I messages. It is intended to assist for IBM support personnel in diagnosing possible Extended Monitoring related problems.

C2P0417I **Extended monitor snapshot is being taken.**

Explanation

This informational message is issued when DEBUG EXTMON is set and a new extended monitor snapshot data set is being taken. This message is issued at the start of the data collection process.

C2P0418I **Extended monitor snapshot has been taken.**

Explanation

This informational message is issued when DEBUG EXTMON is set and a new extended monitor snapshot data set has been taken. This message is issued at the end of the data collection process.

C2P0419I **MCS ALERT QSTA (Mem/Que/Int/Pct) *flag bytes***

Explanation

This diagnostic message is issued when debug mode is on, and when an MCS message processing alert is generated. The flag-bytes are for diagnostic purposes only.

User response

If this messages occurs frequently, to determine a course of action, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0420E **Console activation failed, RC=*retcode-reascode***

Explanation

An error occurred during EMCS console setup using the MCSOPER system service. The error code is *retcode*, and the reason code is *reascode*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0421I **Console interface *console-name* activated**

Explanation

This message is issued to indicate successful activation of the WTO-message capture routine via EMCS console *console-name*.

C2P0422W **MCS Alert condition raised**

Explanation

This warning message indicates that a problem might exist in capturing WTO-messages. Additional C2P messages will be issued to report the corrective actions taken.

C2P0423E **MCS GET error [RC=*retcode-reascode*] attempt resume**

Explanation

An error occurred during retrieval of messages from the EMCS console. Queuing of WTO messages will be resumed, and message retrieval continued. The *returncode* and *reasoncode* are reported if DEBUG WTO was specified.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Ceate a problem report including the complete error message, including the *returncode* and *reasoncode*.

C2P0424I **MDB linecount=*line-count* MsgNo=*message-id***

Explanation

This diagnostic message provides the number of lines (*line-count*) and the first 8 characters (*message-id*) of the message received by the MCSOPMSG system service.

C2P0425E **Console deactivation failed, RC=*retcode-reascode***

Explanation

An error occurred during EMCS console setup using the MCSOPER system service. The system error code is *retcode*, and the reason code is *reascode*.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0426I **WTO Message space full, discard *nnn* messages and resume**

Explanation

This diagnostic detail message indicates that the MCS-Alert reported in message C2P0422W is caused by a Message-Space-Full condition. This may be caused by WTO-messages being created faster than the capture task can process. To catch up, and to prevent the message from recurring too quickly, a number of messages will be discarded, and normal WTO-message capturing will be continued.

User response

If this message occurs frequently, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include information about the amount of WTO-Messages sent to the syslog around the period that the C2P0426I messages occurred.

C2P0427I **WTO Message limit reached, discard 100 messages and resume**

Explanation

This diagnostic detail message indicates that the MCS-Alert reported in message C2P0422W is caused by a Message-Limit-Reached condition. This may be caused by WTO-messages being created faster than the capture task can process. To catch up, and to prevent the message from recurring too quickly, 100 messages will be discarded, and normal WTO-message capturing will be continued.

User response

If this message occurs frequently, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include information about the amount of WTO-Messages sent to the syslog around the period that the C2P0427I messages occurred.

C2P0428I WTO Message percentage reached

Explanation

This diagnostic detail message indicates that the MCS-Alert reported in message C2P0422W is caused by a Message-Percentage-Reached condition. This may be caused by WTO-messages being created faster than the capture task can process. Because this MCS-Alert is issued before any actual error occurs, normal WTO-message capturing will be continued.

User response

If this message occurs frequently, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include information about the amount of WTO-Messages sent to the syslog around the period that the C2P0428I messages occurred.

C2P0429I MCS Internal error, attempt resume

Explanation

This diagnostic detail message indicates that the MCS-Alert reported in message C2P0422W is caused by a MCS-Internal-Error condition. The zSecure Alert task cannot influence these type of situations. Normal WTO-message capturing will be attempted.

User response

If this message occurs frequently, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include information about related messages in the syslog around the period that the C2P0429I messages occurred.

C2P0430I MCS Console suspended, terminate

Explanation

This diagnostic detail message indicates that the MCS-Alert reported in message C2P0422W is caused by the deactivation of the EMCS-console used for WTO-message capturing. This might be the result of an operator vary command.

User response

If this message occurs unexpectedly, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0431I MCS RESUME error RC=*retcode-reascode*.

Explanation

An error occurred during resumption of message retrieval from the EMCS console. The system error code is *retcode*, and the reason code is *reascode*

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0432I Console name to be used *console-name*

Explanation

This diagnostic message provides the *console-name to* be used in the EMCS console activation request. The first instance of this message shows the resulting name after substitution of the &SYSCLONE system parameter. If activation fails because the console is already active, subsequent messages will show increasing numeric values for the last two characters of the *console-name*

C2P0433I *product version* restart successful

Explanation

This message is issued at the end of restart processing to indicate that restart processing was completed.

C2P0434E No ESM anchor found, exit

Explanation

product was unable to locate the main control block for the security product.

User response

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0435E ESM *esm* not recognized

Explanation

product did not recognize the security product installed in your system. The eyecatcher found in the anchor control block was *esm*.

User response

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0436I Extended Monitoring is *status*.

Explanation

This message is issued in response to the operator DISPLAY command to indicate that extended monitoring is active or not. *status* can have one of the following values:

active
CKFREEZE snapshot data sets are created and analyzed for Alert situations.

not active
CKFREEZE snapshot data sets are not created and no extended monitoring alerts are issued.

delayed
Extended monitoring alerts are not issued until the temporary error condition has been resolved.

C2P0437I Extended Monitoring snapshot retention period is (hours) *hours*.

Explanation

This message is issued in response to the operator DISPLAY command. It shows how long extended monitoring snapshot data sets (CKFREEZE data sets) are kept before being deleted.

C2P0438I Extended Monitoring report member is *member*.

Explanation

This message is issued in response to the operator DISPLAY command. It shows the member name that contains the CARLa statements used for extended monitor alerts.

C2P0439W Insufficient snapshot data sets. Extended monitoring is delayed.

Explanation

This warning message is issued if less than two extended monitoring snapshot data sets exist. Since extended monitoring is based on a comparison of two data sets, extended monitoring is not possible. As part of normal processing, additional extended monitoring snapshot data sets are created, and extended monitoring analysis and alert creation will be resumed. This message is issued at the beginning of each extended monitoring interval start as long as the situation exists.

C2P0440I No extended monitoring snapshot data sets are available.

Explanation

This diagnostic message is issued in response to the DIAGNOSE EXTMON(All/Current/Header) command if extended monitoring is active, but no extended monitoring data sets are found. This might be because of an error in the C2PEMFRT template member, or because too many data sets were found in the system catalog.

User response

Verify that the C2PEMFRT template member specifies the correct data set name pattern. Also check for other related error/warning messages.

C2P0441W Baseline- or Current-index is zero. Extended monitoring is delayed.

Explanation

This warning message is issued if either the current snapshot data set or the baseline snapshot data set could not be found. Since extended monitoring is based on a comparison of two data sets, extended monitoring is not possible. As part of normal processing, additional extended monitoring snapshot data sets are created, and extended monitoring analysis and alert creation will be resumed. This

message is issued once during each preprocessing interval for as long as the situation exists.

C2P0442W **Baseline data set was deleted. Extended monitoring is delayed.**

Explanation

This warning message is issued if the baseline snapshot data set is older than the specified retention period and has been deleted as part of retention period processing. Extended monitoring is attempted to be resumed at the next interval. This message is issued again if resume fails.

User response

Verify that the retention period (specified on the OPTION EXTMON(RETAIN(hh)) parameter) and preprocessing interval (specified on the OPTION PREPROCESSINTERVAL(mm) parameter) are correct. The retention period must be longer than the preprocessing interval.

C2P0443W **Current data set was deleted. Extended monitoring is delayed.**

Explanation

This warning message is issued if the current snapshot data set is older than the specified retention period and has been deleted as part of retention period processing. Extended monitoring is attempted to be resumed at the next interval. This message is issued again if resume fails.

User response

Verify that the retention period (specified on the OPTION EXTMON(RETAIN(hh)) parameter) and preprocessing interval (specified on the OPTION PREPROCESSINTERVAL(mm) parameter) are correct. The retention period must be longer than the preprocessing interval.

C2P0444W **Base-index is same as Current-index. Extended monitoring is delayed.**

Explanation

This warning message is issued if the current snapshot data set is the same as the baseline snapshot data set. Since extended monitoring is based on a comparison of two data sets, extended monitoring is not possible. As part of normal processing, additional extended monitoring snapshot data sets are created, and extended monitoring analysis and alert creation will be resumed. This message is issued once during each preprocessing interval for as long as the situation exists.

User response

Do not issue a refresh command within one minute of the start of the preprocessing cycle.

C2P0445I **Saved baseline data set is *dsname*.**

Explanation

This informational message is issued when DEBUG EXTMON is set. It shows the saved baseline snapshot data set name.

C2P0446I **Create snapshot data set *dsname*.**

Explanation

This informational message is issued when DEBUG EXTMON is set. It shows the name of the new current snapshot data set name.

C2P0447I **Extended monitor snapshot table is not available.**

Explanation

This diagnostic message is issued in response to the DIAGNOSE EXTMON(All/Current/Header) command if the extended monitoring snapshot data set table could not be found. This is the normal response if extended monitoring has not been activated.

C2P0448I **Saved baseline data set does not exist.**

Explanation

This informational message is issued when DEBUG EXTMON is set, and the saved baseline snapshot data set is not found in the system catalog, or has been deleted.

C2P0449I **Current snapshot data set does not exist.**

Explanation

This informational message is issued when DEBUG EXTMON is set, and the current snapshot data set is not found in the system catalog, or has been deleted.

C2P0450I **SMF interval synchronization: flag Soft-EOF**

Explanation

This diagnostic message indicates that an end of SMF interval event occurred. The C2PIORTN module is notified that the next end-of-buffer should result in a soft-eof code to CKRCARLA.

C2P0451E ALLOC command failed, see SYSTSPRT

Explanation

The **alloc** command as present in C2PAMCNT failed. This might be caused by invalid syntax in the template command, incorrect interpretation of the template command by the program, or inability to allocate the data set as specified.

User response

Check the error messages in the SYSTSPRT file and correct the problem.

C2P0452E Start of dsname parameter 'DA(' not found in *filename*

Explanation

The **ALLOC** command specified in the template file does not adhere to the documented restrictions. The dsname should be enclosed in single quotes and start with the string DA immediately followed by a left parenthesis and the first quote used to enclose the data set name: **DA('**

User response

Correct the **ALLOC** command and use the correct format to specify the data set name.

C2P0453E End of dsname parameter ')' not found in *filename*

Explanation

The **ALLOC** command specified in the template file does not adhere to the documented restrictions. The dsname should be enclosed in single quotes and end with the final quote used to enclose the data set name, immediately followed by a right parenthesis: **')**

User response

Correct the **ALLOC** command and use the correct format to specify the data set name.

C2P0454E Date pattern not found in *filename*

Explanation

The **ALLOC** command specified in the template file does not adhere to the documented restrictions. The last qualifiers of the specified data set name should be D<date>, T<time>, or D<date>. The date pattern <date> should be six character numeric like specified by the dynamic system symbols &LYR2.&LMON.&LDAY. The time pattern <time> should be four character numeric, like specified by the dynamic system symbols &LHR.&LMIN.

User response

Correct the **ALLOC** command and use the correct format to specify the data set name.

C2P0455I Close buffer for *ddname*

Explanation

This diagnostic trace message is issued when DEBUG IO is activated and the C2PIORTN module needs to CLOSE the in-storage buffer for *ddname*. The system issues the message because the end of the in-storage buffer has been reached. The message is to signal that an external CLOSE request of the entire file (see message C2P0362I) resulted in an internal CLOSE request of an in-storage buffer.

C2P0456E FREE command failed, see SYSTSPRT

Explanation

The FREE command used to free the consolidated Access Monitor records did not run successfully.

User response

Check the error messages in SYSTSPRT.

C2P0457I EOF on C2PEMFRB

Explanation

This diagnostic message is issued when DEBUG EXTMON is set and the C2PEMFRB ddname is empty. The message might be issued during the first start of C2POLICE with extended monitoring enabled. In all other circumstances it is a symptom of a recoverable error.

User response

If this message is issued frequently, verify that the C2PEMFRB ddname points to a data set that is not used by any other process. If no other applications access this data set, see the IBM Support

Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0458E Internal error: Invalid function code.

Explanation

This message represents an internal error.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0459E Required ddname *ddname* is not allocated

Explanation

This message is issued if the ddname specified on the REPORT DDNAME configuration statement is not allocated. The specified ddname is used to obtain information about data set names and the required allocation parameters.

User response

See the *Installation and Deployment Guide* for information about the required ddnames and the contents of the members in the associated data set.

C2P0460E Required member *member* is not is not present in ddname *ddname*

Explanation

This message is issued if the ddname specified on the REPORT DDNAME configuration statement does not contain the required member. The specified member is used to obtain information about data set names and the required allocation parameters.

User response

See the *Installation and Deployment Guide* for information about the required ddnames and the contents of the members in the associated data set.

C2P0461I ACMN Start record

Explanation

This diagnostic message is issued as a result of DEBUG IO when the first record from the Access Monitor stream is processed.

C2P0462I ACMN Stop record

Explanation

This diagnostic message is issued as a result of DEBUG IO when the last record from the Access Monitor stream is processed.

C2P0463I Restart scheduled for data consolidation task

Explanation

This message is issued to indicate that the daily output file consolidation process as the result of an operator CONSOLIDATE command.

C2P0464I Consolidation task is active

Explanation

This message is part of the response to the console operator DISPLAY command. At the moment of the DISPLAY command, the daily data consolidation CKRCARLA task was found to be active. This task is started once a day at *consolidatetime*, or at console operator request.

C2P0465I Consolidation task start time is *time*

Explanation

This message is part of the response to the console operator DISPLAY command. The *time* is the local time that the system daily data consolidation task will be activated.

C2P0466I Consolidation CARLa member is *member*

Explanation

This message is part of the response to the console operator DISPLAY command. The member is the name of the member containing the CARLa commands used for the daily data consolidation CARLa statements.

C2P0467E Error attaching consolidation MGR, RC=*rc*

Explanation

When attaching the manager task that is used for the daily data consolidation process, a system error occurred. *rc* is the ATTACH error code.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0468I **Successfully attached consolidation MGR**

Explanation

This diagnostic message is issued after successful start of the daily data consolidation manager task.

C2P0469E **Error attaching SMF capture task, RC=*rc***

Explanation

When attaching the task that is used for collecting SMF records, a system error occurred. *rc* is the ATTACH error code.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0470I **Successfully attached SMF capture task**

Explanation

This diagnostic message is issued after successful start of SMF data capture task.

C2P0471E **Error attaching ENF capture task, RC=*rc***

Explanation

When attaching the task that is used for collecting ENF events, a system error occurred. *rc* is the ATTACH error code.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0472I **Successfully attached ENF capture task**

Explanation

This diagnostic message is issued after successful start of ENF data capture task.

C2P0473I **Data consolidation runs at (HHMM) *HHMM***

Explanation

This diagnostic message provides the specified starting time of the daily data consolidation task.

C2P0474E **Data consolidation runtime invalid *HHMM***

Explanation

The specified time of the day that the daily data consolidation task should run is invalid. The *HHMM* should specify a time between 0000 (midnight) and 2359 (1 minute before midnight).

User response

Specify a valid time of the day.

C2P0475E **Error attaching RACF capture task, RC=*rc***

Explanation

When attaching the task that is used for collecting RACF access events, a system error occurred. *rc* is the ATTACH error code.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0476I **Successfully attached RACF capture task**

Explanation

This diagnostic message is issued after successful start of RACF access event capture task.

C2P0477I **Current report interval ends hh:mm:ss**

Explanation

This message is part of the response to the console operator DISPLAY command. The time in the message shows when the current reporting interval will end.

C2P0478I **Next preprocessing run starts hh:mm:ss**

Explanation

This message is part of the response to the console operator DISPLAY command. The time in the message shows when the next preprocessing task starts. At that time, changed options in parmlib will also become effective.

C2P0479E **Command from *filename* failed, see SYSTSPRT**

Explanation

The command specified in the template file *filename* did not run successfully.

User response

Check the error messages in SYSTSPRT and correct the command.

C2P0480I **Identify failed rc=*return code***

Explanation

This message indicates a failure of the IDENTIFY service to establish the ISPF service routines as a dummy routine.

User response

To review the return code, see the MVS documentation for the "IDENTIFY service".

C2P0481I **Identified ISP modules as BR14 at location *xxxxxxxx***

Explanation

This debugging-only message is issued to indicate that the ISPLINK, ISPEXEC, and ISPQRY ISPF modules are now replaced by no-operation routines in the C2POLICE or C2PACMON started task environment. ISPF services are not available normally in this environment. Definition of these ISPF modules as no-operation routines prevents confusing and unnecessary warning messages related to these services.

C2P0482I **Removed ISP modules**

Explanation

This debugging-only message is issued to indicate that the ISPLINK, ISPEXEC, and ISPQRY ISPF modules are now no longer replaced by no-operation routines in the C2POLICE or C2PACMON started task environment.

C2P0483W **Abend occurred at *xxxxxxxx***

Explanation

An abend occurred in a routine that is covered by the zSecure Access Monitor Functional Recovery Routine (FRR). The abend was recovered and execution was continued. The message shows the abend and reason code, and the location where the abend occurred. The message is followed by several messages that show the content of the general registers at the time of the abend.

C2P0484I **Debug RACF is activated**

Explanation

This message is issued in response to a DEBUG RACF command to indicate that diagnostic messages related to RACF data collection are issued.

C2P0485I **Debug RACF is deactivated**

Explanation

This message is issued in response to a DEBUG NORACF command to indicate that diagnostic messages related to RACF data collection are not issued.

C2P0486I **Current buffer in use, wait**

Explanation

During processing of in-storage data, the C2PIORTN module detected that the next buffer to be processed is still in use. Processing of the buffer is delayed to allow other tasks to free the buffer.

C2P0487W **Current buffer in use, reading shared buffer**

Explanation

During processing of in-storage data, the C2PIORTN module detected that the next buffer to be processed is still in use. After waiting several seconds, at least one other task is still using the in-storage buffer.

To avoid further blocking of the data analysis and reporting task, the buffer is accessed in shared mode.

C2P0488E ***ddname*** **buf_index=null**

Explanation

During processing of the in-storage data for file *ddname*, the C2PIORTN module encountered an invalid pointer to the current buffer.

C2P0489I **Access Monitor pre-consolidates events using in-memory buffers**

Explanation:
This message is part of the response to the DISPLAY command. Access Monitor events are pre-consolidated using in-memory buffers.

C2P0490I **RACF exits are called using direct branch**

Explanation

This message is part of the response to the console operator DISPLAY command. The RACF exits used by Access Monitor are invoked using a direct branch instruction from the exit router module.

C2P0491I **RACF exits are called as MVS dynamic exit**

Explanation

This message is part of the response to the console operator DISPLAY command. The RACF exits used by Access Monitor are invoked using MVS dynamic exit services.

C2P0492I **CSVDYNEX mode specified for RACF exits**

Explanation

This message indicates that the OPTION statement specified that the Access Monitor exits are invoked using MVS dynamic exit services.

C2P0493I **DIRECT mode specified for RACF exits**

Explanation

This message indicates that the OPTION statement specified that the Access Monitor exits are invoked using a direct branch instruction from the exit router module.

C2P0494I **Current daily collection dsname is** ***dsname***

Explanation

This message is part of the response to the operator DISPLAY command. The text of the message and the *dsname* are each shown in a separate message line. The message shows the name of the data set that is used to collect the access monitor records during the day. This data set is normally processed and deleted during the daily consolidation process.

C2P0495I **Event statistics are shown at end of collection cycle**

Explanation:
This message is part of the response to the DISPLAY command. At the end of the data collection cycle, a report is created. CARLa member C2PAMSTS can be used to provide an overview of the total number of events, and the number of consolidated output records that are created during the interval. The SMF global interval determines the duration of the data collection cycle.

C2P0496I **Debug Analytics is activated**

Explanation

This debug-only message is issued to indicate that special diagnostic messages that are related to the processing of analytics files are issued.

C2P0497I **Debug Analytics is deactivated**

Explanation

This debug-only message is issued to indicate that special diagnostic messages that are related to the processing of analytics files are not issued.

C2P0498E **Unlink failed rv=*return_value* rc=*return-code* rs=*reason-code***

Explanation

Expiration of the Analytics directory failed because an error occurred during the BPX1UNL service. Check the BPX1UNL return-code and reason-code why the unlink failed. This message is followed by message C2P0499I showing the file that could not be deleted.

System action

Execution continues, but files in the output directory are not deleted.

C2P0499I ***path-name***

Explanation

This message is a continuation of message C2P0498E. It shows the path name of the file that could not be deleted.

C2P0500E **Internal error, exit**

Explanation

This message is issued if the ICHGLS10 routine cannot be located inside the RACF module where the routine is expected.

C2P0501I **Found ICHGLS10 at location *address***

Explanation

This diagnostic message is issued when DEBUG MAIN is active. It shows the location of the ICHGLS10 routine that is used when the IRRGNT00 routine is not available.

C2P0502E **Could not load IGC0013{ routine *abend-code***

Explanation

This message is issued if the program cannot load the RACF module where the ICHGLS10 routine is expected.

C2P0503W **CKRCARLA Parm string truncated**

Explanation

This message is issued if the parameter string that is specified in the DEBUG CKRCARLAPARAMETER is longer than 63 characters.

C2P0504I **CKRCARLA Parm string = *value***

Explanation

This debug-only message is issued to show the value of the CKRCARLAPARAMETER recognized by the program.

C2P0505I **Activated All SMF Subtypes**

Explanation

This debug-only message is issued if a FILTER command was issued to add an SMF record type filter without a subtype specification, or when the ALLSUBTYPE keyword was specified. Record subtype specifications are only supported for record types 30, 80, 92, and ACF2.

User response:

None required.

C2P0506I **Specified SMF Subtype ineffective due to AllSubtype setting**

Explanation

This warning message indicates that the specified FILTER for SMF record subtypes is ignored. An existing SMF record filter already specified that **all** subtypes for this record are selected. The additional subtype specification is therefore redundant.

User response:
None required. You might want to issue the DISPLAY command to verify that the SMF filters are as intended. If selection on **only** the specified subtype is required, ensure that no earlier specification for ALLSUBTYPE exists.

C2P0507I **CKRCARLA parameter string is *value***

Explanation

This message is part of the response to the console operator DISPLAY command. The *value* shown is passed to the CKRCARLA program. If the value has been specified recently, the current instance of CKRCARLA active as part of the data collection process might be using a previous value of the parameter.

C2P0508W **Total data errors during reporting phase was *num***

Explanation

This message is issued after a CKRCARLA data collection instance has ended. It shows the total number of invalid records encountered while processing records from the in-storage data buffers. This message is not issued if no invalid records were encountered. Details of the invalid records are shown in message C2P0163W if DEBUG BUFFER was active at the time that the invalid record was encountered.

C2P0509I ***function* process completed**

Explanation

This informational message is issued when the *function* requested by the operator has completed. For the zSecure Alert product, the value for *function* is REFRESH, and for the Access Monitor component of zSecure Admin, the value for *function* is CONSOLIDATE.

C2P0510E **Record subtypes not supported for recordtype *rectype***

Explanation

The FILTER statement specified that SMF records are to be filtered by record type and record subtype. Record subtypes are not supported for the specified record type. Record subtypes are only supported for record types 30, 80, 92, and ACF2.

C2P0511I **Event statistics are shown at end of collection cycle**

Explanation

This debug-only message shows that option **ShowStatistics** is set. For more information about the **ShowStatistics** option, see "OPTION command " in the *zSecure CARLa-Driven Components Installation and Deployment Guide*.

C2P0512I **Event statistics are not shown at end of collection cycle**

Explanation

This debug-only message shows that option **NoShowStatistics** is set. For more information about the **NoShowStatistics** option, see the information about the OPTION command in the *zSecure CARLa-Driven Components Installation and Deployment Guide*.

C2P0513I **Statistics CARLa member name is *member-name***

Explanation

This debug-only message shows the member name that was specified to generate the access monitor statistics at the end of each SMF interval. The default value is C2PAMSTS.

C2P0514W **Event type AUTH not supported**

Explanation

This debug message is issued to indicate that the OPTION EVENTSTOALERT statement specified TYPE(AUTH) or TYPE(NOAUTH). Authorization events are currently not supported for passing to zSecure Alert.

C2P0515W **Event type FAST not supported**

Explanation

This debug message is issued to indicate that the OPTION EVENTSTOALERT statement specified TYPE(FAST) or TYPE(NOFAST). Fastauth events are currently not supported for passing to zSecure Alert.

C2P0516W **Event type DEFINE not supported**

Explanation

This debug message is issued to indicate that the OPTION EVENTSTOALERT statement specified TYPE(DEFINE) or TYPE(NODEFINE). Define events are currently not supported for passing to zSecure Alert.

C2P0517I **Access Monitor passes selected events to zSecure Alert**

Explanation

This debug message is issued to confirm that the OPTION EVENTSTOALERT statement is processed.

C2P0518I **Access Monitor does not pass events to zSecure Alert**

Explanation

This debug message is issued to confirm that the OPTION NOEVENTSTOALERT statement is processed.

C2P0519I **Events include/exclude VERIFY events**

Explanation

This debug message is issued to confirm that the OPTION EVENTSTOALERT statement specified TYPE(VERIFY) or TYPE(NOVERIFY). VERIFY events are passed to or not passed to the zSecure Alert started task.

C2P0520I **FASTSTORE specified for RACF exits**

Explanation:
This message indicates that the OPTION statement specified that the RACF exits that Access Monitor uses are implemented as a single module using Cell Pool storage in the user's address space.

C2P0521I **RACF exits are called using fast storage mode**

Explanation:
This message is part of the response to the console operator DISPLAY command. The RACF exits that Access Monitor uses are implemented as a single module using Cell Pool storage in the user's address space.

C2P0522E **Error return from IEANTCR, RC=*retcode***

Explanation:
An error occurred during creation of the Named Token that is used as anchor for the Cell Pool storage in the user's address space. The error return code is *retcode*. This message should not occur.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Create an error report including the *retcode*.

C2P0523I Access Monitor records are pre-consolidated using in-memory buffers

Explanation:
This debug message is shown when the OPTION statement specifies that pre-consolidation of Access Monitor events is required.

C2P0524I Access Monitor records are consolidated by CKRCARLA engine

Explanation:
This debug message is shown when the OPTION statement specifies that pre-consolidation of Access Monitor events is not performed, and that the individual event records are consolidated using the CKRCARLA program.

C2P0525W Event selection by CLASS not supported

Explanation

This debug message is issued to indicate that the OPTION EVENTSTOALERT statement specified CLASS(resource-class). Selection by resource class is currently not supported for passing events to zSecure Alert.

C2P0526I Access Monitor passes VERIFY events to zSecure Alert

Explanation

This message is part of the response to the console operator DISPLAY command. Verify events as captured by zSecure Access Monitor are also provided to zSecure Alert. Predefined alert 1122 can be activated in zSecure Alert to provide near real-time alerts about the use of sensitive users. This includes verify events that do not cause creation of SMF records.

C2P0527E Cannot locate zSecure Alert address space

Explanation

This error message is issued if zSecure Admin Access Monitor is configured to pass certain event information to zSecure Alert while the required zSecure Alert address space was inactive. Requested events are not passed to zSecure Alert, and are only available in the ACCESS datasets created by Access Monitor itself.

C2P0528E Cannot locate zSecure Alert PC number

Explanation

This error message is issued if zSecure Admin Access Monitor is configured to pass certain event information to zSecure Alert, while the zSecure Alert Program Call needed to pass that information could not be determined. Requested events are not passed to zSecure Alert, and are only available in the ACCESS datasets created by Access Monitor itself.

C2P0529E Open dir failed rv=*return_value* rc=*return-code* rs=*reason-code*

Explanation

Expiration of the analytics directory failed because the directory could not be opened.

System action:
Execution continues, but files in the output directory are not deleted.

User response:
Check the BPX1OPD *return-code* and *reason-code* to see why opening failed.

C2P0530I Analytics CARLa member is *member-name*

Explanation

This debug-only message is issued to confirm the member name that is specified for the analytics CARLa.

C2P0531E Invalid analytics directory *directory-name*

Explanation

The specified directory name does not adhere to the documented restrictions. It must start with a slash (/) and cannot end with a slash.

C2P0532I Using default analytics directory /u/c2pacmon

Explanation

An invalid directory name was specified. Therefore, the default directory /u/c2pacmon is used.

C2P0533I Analytics directory is *directory-name*

Explanation

This debug-only message is issued to confirm the directory name that is specified for the analytics files.

C2P0534I Analytics umask is *umask*

Explanation

This debug-only message is issued to confirm the umask in effect when creating the analytics files.

C2P0535I Analytics file retention period is *num-days* days

Explanation

This debug-only message is issued to confirm the number of days that analytics files are kept until they are automatically removed.

C2P0536I Invalid analytics file retention period, using default value 5 days

Explanation

The retention period that is specified is either too small or too large. The default retention period of five days is used instead.

C2P0537I Expired analytics file *file-name*

Explanation

This debug-only message is issued to indicate that the analytics output file *file_name* is expired and has been deleted.

C2P0538I Prepare ALLOC statements for ExtMon

Explanation:
This progress message is issued when DEBUG EXTMON is set.

C2P0539I *alloc_stmt*

Explanation:
This diagnostic message is issued when DEBUG EXTMON is set. It shows the generated CARLa ALLOC statement for the extended monitoring CKFREEZE data set.

C2P0540E Cannot open SYSINRPT

Explanation:
An open error occurred for the SYSINRPT file. This temporary file is dynamically allocated with a record format VB and an LRECL of 255. See the accompanying IEC message for more information.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0541E Could not close SYSINRPT

Explanation:
A close error occurred for the SYSINRPT file.

C2P0542I Debug BUFFER DETAIL mode

Explanation

This debug-only message is issued to indicate that statistics about the SMF records in the in-memory buffers are displayed at the end of each interval.

C2P0543I Debug BUFFER NODETAIL mode

Explanation

This debug-only message is issued to indicate that statistics about the SMF records in the in-memory buffers are not displayed.

C2P0544I Rectype Subtype Count

Explanation

This message has two types of content. The first row shows the header for the tabular display that follows. Subsequent rows show occurrences of the SMF record types (Rectype) and subtypes in the current in-memory buffer:

C2P0544I	**Rectype**	**Subtype**	**Count**
C2P0544I	*rectype*	*subtype*	*count*
C2P0544I	*rectype*	*subtype*	*count*

For RACF systems, the Subtype columns for the RACF records lists the numerical value of the RACF event code. For ACF2 systems, the Subtype columns lists the numerical value of the ACF2 record subtype.
The message format that includes the text "total" in the Subtype column shows the total number of record type records for the subtypes that follow. Those subsequent records do not include a value for the record type to indicate that they provide information for the subtypes for the previous record type.

C2P0545I Debug buffer lock activated

Explanation:
This diagnostic message confirms that the BUFLOCK option is recognized and activated. An SVC dump is created if a buffer lock situation occurs. The dump is created at the moment that the event occurs, which

is earlier than the time of the associated C2P0305E message.

C2P0546I Debug buffer lock deactivated

Explanation:
This diagnostic message confirms that the NOBUFLOCK option is recognized and that the BUFLOCK option is not active.

C2P0547I Debug buffer lock deactivated

Explanation:
The BUFLOCK option is automatically deactivated after scheduling an SVC dump for the current address space. The BUFLOCK option remains inactive until the DEBUG command is issued again, either through an operator command or from PARMLIB.

C2P0564E Error return from IEANTRT, RC=*retcode*

Explanation:
An error occurred during retrieval of the Named Token that is used as anchor for the Cell Pool storage in the user's address space. The error return code is *retcode*. This message should not occur.

C2P0572E Cannot allocate buffer; MEMLIMIT exceeded

Explanation:
The MEMLIMIT for the started task is insufficient for the specified size and number of in-storage buffers. The example MEMLIMIT specified in the started task procedures is 8G. Specifying 32 buffers of 256M matches a MEMLIMIT of 8G, but does not leave any space for other programs, like CKRCARLA, that also require storage that is counted towards MEMLIMIT.

C2P0573W Skipping incomplete record in buffer *bufnum*

Explanation:
While reading data from an in-storage buffer, the program encountered a record with an incomplete header. The current record is ignored, and processing continues with the next record.

C2P0574W Unknown record, skipping rest of buffer *bufnum*

Explanation:
While reading data from an in-storage buffer, the program encountered an invalid record. Because the length of the record is unknown, processing the remainder of the in-storage buffer is not possible. The current record and the remainder of the in-storage buffer is ignored, and processing continues with the next in-storage buffer.

C2P0575E *ddname* buf_index = null

Explanation:
During processing of the in-storage data for file *ddname*, the C2PIORTN module encountered an invalid pointer to the current buffer.

C2P0576I Access Monitor captures USS file access events

Explanation:
UNIX events for file and directory access are captured in the ACCESS records. Use of this option can significantly increase the amount of collected information.

C2P0577I Access Monitor does not capture USS file access events

Explanation:
UNIX events for file and directory access are not captured in the ACCESS records. This is the default status if the CAPTUREUSSEVENTS keyword is not specified.

C2P0578I Access Monitor captures USS file access events

Explanation:
This message is part of the response to the console operator DISPLAY command. When the DISPLAY command is executed, the zSecure Access Monitor captures UNIX file and directory events in ACCESS records.

C2P0579E Error attaching UNIX capture task, RC=*retcode*

Explanation:
When attaching the task that is used for collecting UNIX events, a system error occurred. The ATTACH error code was *retcode*.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0580I Successful attach UNIX capture task

Explanation:
This debug-only message is issued after successful start of the UNIX event capture task.

C2P0581E Could not load UNIX exit routine *modname* from *location* into LPA, RC=*retcode-reascode*

Explanation:
A new copy of a UNIX exit routine could not be loaded into the system LPA. The *location* variable can have the value LINKLIST or STEPLIB. The message is issued as an informational message if DEBUG messages are requested. The message for STEPLIB is also issued

if the module cannot be located in either LINKLIST or STEPLIB. For details about the return code and reason code (*retcode-reascode*), see CSVDYLPA in *z/OS MVS Programming: Authorized Assembler Services Reference, Volume 1*.

C2P0582I **Added UNIX Exit routine *modname* from *location* to LPA, RC=*retcode-reascode***

Explanation:
If DEBUG is specified, this informational message indicates that a new copy of a UNIX exit routine is loaded from *location* into the system LPA. The *location* variable can have the value LINKLIST or STEPLIB.

C2P0583I **Remove old copy of UNIX exit routine *modname* from LPA, RC=*retcode-reascode***

Explanation:
This debug-only message indicates that a previous copy of a UNIX exit routine was removed from the in-storage LPA. This message is also issued if an error occurred during this removal process.

C2P0584I **Detail info *flags-retcode-reascode***

Explanation:
This secondary message is a continuation of message C2P0581E. It provides additional diagnostic information to assist in diagnosing the failure reason.

C2P0585I **Activated dynamic UNIX exit *modname***

Explanation:
This debug-only message is a progress indicator for the initialization process.

C2P0586E **Error adding *modname* RC=*retcode-reascode***

Explanation:
During the addition of the UNIX Exit by using the MVS dynamic exit facility, a system error occurred. *retcode* is the return code of the CSVDYNEX service routine, and *reascode* is the reason code is. For details about the return code and reason code, see CSVDYNEX in *z/OS MVS Programming: Authorized Assembler Services Reference, Volume 1*.

C2P0587I **Removed dynamic exit *modname***

Explanation:
This debug-only message is a progress indicator for the cleanup process.

C2P0588E **Error deleting *modname* RC=*retcode-reascode***

Explanation:
During the removal of the UNIX Exit by using the MVS dynamic exit facility, a system error occurred. *retcode* is the return code of the CSVDYNEX service routine, and *reascode* is the reason code is.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0589E **Error creating pid-nt, RC=*retcode* PID=*pid_name***

Explanation:
An error occurred during creation of the Named Token that is used as the anchor for the Cell Pool storage in the C2PACMON address space. *retcode* is the error return code. The *pid-name* is an indication of the Named Token that could not be created.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0590E **Error retrieving *pid-nt*, RC=*retcode* PID=*pid_name***

Explanation:
An error occurred during the retrieval of the Named Token that is used as the anchor for the Cell Pool storage in the C2PACMON address space. *retcode* is the error return code. The *pid-name* is an indication of the Named Token that could not be retrieved.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0591I **Error deleting pid-nt, RC=*retcode* PID=*pid_name***

Explanation:
An error occurred during the deletion of the Named Token that is used as the anchor for the Cell Pool storage in the C2PACMON address space. *retcode* is the error return code. The *pid-name* is an indication of the Named Token that could not be deleted.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2P0592I **Debug CPOOL activated**

Explanation:

This debug-only message indicates that messages about CPOOL extents are displayed at the end of each interval.

C2P0593I Debug CPOOL deactivated

Explanation:
This debug-only message indicates that messages about CPOOL extents are not displayed.

C2P0594I Access Monitor captures program access events

Explanation:
This message is part of the response to the console operator DISPLAY command. This message is issued if program usage events are captured through the SAF router exit.

C2P0595I Access Monitor captures program events through ICHRTX00

Explanation

This debug only message confirms that the CAPTUREPROGRAMS option is recognized and that program usage events are captured.

C2P0596I Access Monitor does not capture program events

Explanation:
This debug only message confirms that the NOCAPTUREPROGRAMS option is recognized and that program usage events are not captured.

C2P0597I *program-capture-status*

Explanation

This debug only message is issued as confirmation about the type of programs that are captured. This message can be issued multiple times as part of C2PPARM processing. For a consolidated status, review the messages that are issued as response to a DISPLAY command. The following list are the possible values for *program-capture-status*:

- All defined programs, independent of library
- All controlled programs
- All controlled programs, not covered by * or **
- All programs loaded from controlled libraries
- All programs loaded from any library

C2P0598I *program-capture-status*

Explanation

This message is issued as part of the response to an operator DISPLAY command. It shows which type of programs are captured. This message can be issued multiple times if multiple types of programs are captured. The following list are the possible values for *program-capture-status*:

- All defined programs, independent of library
- All controlled programs
- All controlled programs, not covered by * or **
- All programs loaded from controlled libraries
- All programs loaded from any library

C2P0599W UNIX syscall exits are not enabled

Explanation:
This messages can be issued as response to the DIAGNOSE USSCAPTURE command. The program could not find the name of the specified SC_EXITTABLE file. The UNIX syscall exit table is not shown. UNIX events cannot be captured if the exits are not enabled through an SC_EXITTABLE.

System Programmer response:
Verify that the SC_EXITTABLE statement has been issued either through the active BPXPRM member in PARMLIB, or through the SETOMVS command.

C2P0600W *Action* ignored. Previous *action* is still active

Explanation:
This message is issued when the operator issues a refresh or consolidate command, but the program is still processing an earlier refresh or consolidate task. The earlier task was possibly started as the result of an operator command, or after the expiration of an internal timer. In the message text, *action* can have the value `refresh` or `consolidate`.

User response:
Wait for the completion of the previous action, as indicated by message C2P0509I.

C2P0701I Base ptr: *address*

Explanation:
This diagnostic message shows the base address of the area that is displayed in subsequent C2P0702I and C2P0703I messages.

C2P0702I *address hexdata *chardata**

Explanation

This message is issued multiple times. These messages show internal diagnostic data. The value *address* shows only the last four digits of the address. The complete address is shown in message C2P0701I.

C2P0703I *address hexdata *chardata**

Explanation

This message shows internal diagnostic data. It is issued if the hexdata does not fill the complete 16

bytes of *hexdata*. Additional data is shown as trailing zeros. The value *address* shows only the last four digits of the address. The complete address is shown in message C2P0701I.

C2P0704I ***record data***

Explanation

This diagnostic message shows information from the collected RACF event record. This message is intended for IBM support personnel to assist during problem determination.

C2P0709I **2K_CPOOL extents: *number***

Explanation:
This debug-only message is issued at the end of each interval. It shows the number of cpool extents that the buffer update routine uses for caching USS information.

C2P0710I **PC_CPOOL extents: *number***

Explanation:
This debug-only message is issued at the end of each interval. It shows the number of cpool extents that the buffer update routine uses for data storage.

C2P711I **PC_CPOOL built: *cpool_id***

Explanation:
This debug-only message is issued as progress indicator for the initialization process. This message is followed by several C2P0701I and C2P0702I messages showing the CPOOL header.

C2P0712I **2K_CPOOL built: *cpool_id***

Explanation:
This debug-only message is a progress indicator for the initialization process. This message is followed by several C2P0701I and C2P0702I messages showing the CPOOL header.

C2P0713I **PC_CPOOL deleted**

Explanation:
This debug-only message is a progress indicator for the cleanup process.

C2P0714I **2K_CPOOL deleted**

Explanation:
This debug-only message is a progress indicator for the cleanup process.

C2P0715I **Hash table deleted**

Explanation:
This debug-only message is a progress indicator for the cleanup process.

C2P0716I **Hash table allocated at *address***

Explanation:
This debug-only message is a progress indicator for the initialization process.

C2P0717I ***ddname* Reset hard EOF**

Explanation:
If DEBUG IO is active, this diagnostic message is issued by the C2PIORTN routine to indicate that the stop/start request of the CKRCARLA subtask is converted into an internal restart request. The *ddname* shows the current internal ddname.

C2P0718I ***ddname* Restart**

Explanation:
If DEBUG IO is active, this diagnostic message is issued by the C2PIORTN routine to indicate that the internal restart request is passed to the CKRCARLA subtask. The *ddname* shows the current internal ddname.

C2P0719I ***ddname* Pseudo soft EOF**

Explanation:
If DEBUG IO is active, this diagnostic message is issued by the C2PIORTN routine to indicate that the stop/start request is treated like a soft EOF after completion of the internal restart.

C2P0720E **Error attaching sysprint-to-debug task, RC=*retcode***

Explanation:
When attaching the subtask that handles the copy of CKRCARLA SYSPRINT output to the C2PDEBUG file, a system error occurred. The error code from ATTACH is *retcode*.

C2P0721I **Successful attach sysprint-to-debug task**

Explanation:
This diagnostic message is issued after a successful start of the subtask that handles the copy of CKRCARLA SYSPRINT output to the C2PDEBUG file.

C2P0722I **Inside prt2db routine, posted with code *retcode***

Explanation:
This diagnostic message is issued to indicate that the process to copy CKRCARLA SYSPRINT output to the C2PDEBUG file is about to start. The *retcode* controls which messages are copied.

C2P0723I **Refresh of alert reporting task uses *refresh-mode* mode**

Explanation:
This diagnostic message indicates that the OPTION REFRESHMODE statement is processed. Possible values for *refresh-mode* are `internal restart` or `stop/start`.

C2P0726I **CKRCARLA program has been restarted *num-restart* times**

Explanation:
This message is part of the response to the console operator DISPLAY command. After the CKRCARLA program has been restarted at least once, *num-restart* shows the number of times that the CKRCARLA program has performed an internal restart.

C2P0727I **Job tag information retained for *number* jobs**

Explanation:
This message is part of the response to the console operator DISPLAY command. After the CKRCARLA program has been restarted at least once, *number* shows the number of jobs for which information is retained.

C2P0728I **Job tag information is not yet available**

Explanation:
This message is part of the response to the console operator DISPLAY command. This message is issued when the CKRCARLA program has not yet been restarted.

C2P0729I **Create new SYSIN input for reporting**

Explanation:
This diagnostic message is issued as a progress indicator for the creation of the CKRCARLA input parameters.

C2P0730I **Access Monitor captures LOCAL-RACLIST FASTAUTH events**

Explanation:
This message is part of the response to the console operator DISPLAY command. This message is issued if FASTAUTH events for LOCAL RACLISTed resources are captured through the ICHRFX02 exit.

C2P0731I **Access Monitor captures LOCAL-RACLIST FASTAUTH events**

Explanation:
This debug only message confirms that the CAPTURELOCALRACLIST option is recognized and that FASTAUTH events for LOCAL RACLISTed resources are captured.

C2P0732I **Access Monitor does not capture LOCAL RACLIST FASTAUTH events**

Explanation:
This debug only message confirms that the NOCAPTURELOCALRACLIST option is recognized and that FASTAUTH events for LOCAL RACLISTed resources are not captured.

C2P0733I **Capture of LOCAL-RACLIST FASTAUTH events not supported**

Explanation:
Capture of LOCAL-RACLIST FASTAUTH events requires z/OS 2.2 as the minimum level of the operating system. Capturing events for LOCAL RACLISTed resources is not activated.

C2P797I **Unsupported call type**

Explanation

This message indicates a mismatch in an internal API. Verify that the *product* install and setup ended successfully.

Severity

16

C2P798I **Internal version mismatch**

Explanation

This message indicates a mismatch in an internal API. Verify that the *product* install and setup ended successfully.

Severity

16

C2P799I **Internal length mismatch**

Explanation

This message indicates a mismatch in an internal API. Verify that the *product* install and setup ended successfully.

Severity

16

C2P874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2P875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n* *ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2P0900I ***diagnostic text***

Explanation

This message assists in diagnosing errors. Various values for *diagnostic text* are used. This message is primarily intended for IBM Software Support.

C2P0901W ***product* was inactive since *yyyy-mm-dd hh:mm:ss***

Explanation

This warning message is issued at the start or restart of the *product*. The message is only issued if the *product* has been active at least once since the last IPL of the system. The message is also absent if the last instance of the *product* was stopped via the SIPL command.

C2P0903W **Access Monitor recording was inactive since *yyyy-mm-dd hh:mm:ss***

Explanation

This warning message is issued at the start of a new instance of the CKRCARLA data processing task if the previous instance was prematurely terminated. *Type* can have the value "Alert reporting", for zSecure Alert.

C2P915I **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

C2P926I **LOAD of module *module* failed**

Explanation

The program expected the module named to be available. However, it could not be found. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

C2P931I ***proc*: Buffer overrun - *destinationlength sourcelength*:*data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

24

C2P934I **Value *value* too large**

Explanation

This message indicates that the input parser received a numerical value that was too large. The maximum value that can be processed by the input parser is 2147483647.

Severity

12

C2P942I **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

00

C2P948I **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

C2P949I **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

00

C2P950I **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

C2P951I **system abend *code* (*desc*) trying to load module *module***

Explanation

This message indicates a failure to load a module and the reason. Abend 806 means the module could not be found. Abend 306 may mean that a controlled environment was present and the module to be loaded was not program controlled.

Severity

08

C2P955I ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

C2P964I **Member name required for writes to PDS(E) data set *dsn***

Explanation

This message indicates that a member name is required, but not specified, for the data set with the indicated *dsn*. The program will issue user abend 964.

Severity

08

C2P965I **Member *mem* can only be used with PDS(E); not for *dsn***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the data set with the indicated *dsn*. The program will issue user abend 965.

C2P966I **Cannot use member *mem* on terminal file *ddname***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the terminal output file with the indicated *ddname*. The program will issue user abend 966.

C2P967I **RECFM=F invalid for LRECL=X,RECFM=VBS preferred data set *dsname***

Explanation

This message indicates that a fixed record format was specified but not allowed for the output file with the indicated *dsname*. This is not supported for the indicated data set. The program will issue user abend 967.

C2P968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2P969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

08

C2P970I ***program task heap* FREE STORAGE ERROR: *message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2P971I **Maximum length for this *field* is *len* at *file* line *n***

Explanation

The input contains a multiple-line string that is too long. Multiple-line strings (print tiles or quoted strings) have a maximum size *len* that was exceeded.

Severity

12

C2P972I **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

C2P973I **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2P974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2P975I **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2P976I **IBM Security *product* product or feature disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2P976I **IBM Security *product* product or feature disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2P977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product *action* RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG for products that are installed. The *action* can be "registration" or "status." The return code is for IFAEDREG or IFAEDSTA, respectively, which are documented in *MVS Programming: Product Registration*. No continuation line is shown if product registration does not apply (for example, because of C2P979I).

Severity

00

C2P978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

00

C2P979I **Product code *code* implied by other**

Explanation

This message is issued for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

Severity

00

C2P982I **Internal error: unknown error code at *ddname* line *number***

Explanation

The input parser error routine encountered an invalid error code. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

C2P983I **Expecting *typ1* list separator/ terminator instead of *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list separator or terminator for the current list of the indicated type (for example, a comma, blank, or end-of-line, depending on the context). Instead, it encountered the indicated token type *type* (and text *value*, if available). The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

C2P984I **Invalid *type* list element type *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected a list element of the specified type, but found a token of a type not supported as a list element in this context. If available, the offending text *value* is also listed in the message. The input parser skips all input until it encounters a valid list separator or terminator for the current list.

Severity

12

C2P985I **Required list element/parameter "*value*" missing at *ddname* line *number***

Explanation

This message indicates that the input parser detected a missing required parameter or element in the list at the indicated line.

Severity

12

C2P986I **Duplicate parameter *value* at *ddname* line *number***

Explanation

This message indicates that the input parser detected a duplicate occurrence of the parameter or list element *value* at the indicated line.

Severity

12

C2P987I **Syntax error: *type1* expected instead of *type2* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific token type *type1* in the current context. Instead of this, it found the token type *type2* (at the text *value*, if available) on the indicated input line.

Severity

12

C2P988I **Syntax error: "*c*" expected instead of *type* at "*value*" on *ddname* line *number***

Explanation

This message indicates that the input parser expected a specific character "*c*" (presumably a delimiter) in the current context. Instead of this, it found the token type *type* (at the text *value*, if available) on the indicated input line.

Severity

12

C2P989I **Unexpected *type* "*value*" at *ddname* line *number***

Explanation

This message indicates that the input parser expected one of a number of specific token types, but found a different token type instead. If available, the offending text *value* is also listed in the message.

Severity

12

C2P992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

04

C2P993I **DIAGNOSTIC DUMP SUPPRESSED FOR *program* TASK *taskname type* ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump. This is done to prevent recursive abend conditions involving the print file. The task name is PROGRAM for the main task or for the only task in a program. For a multi-tasking program, *program* might identify one of the subtasks.

C2P994I **Last record truncated by end-of-file *ddname***

Explanation

This message indicates that end-of-file was reached for a RECFM=VBS input file in the middle of a multi-segment record.

Severity

16

C2P995I **LRECL invalid; not overruled because partitioned data set**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned Data Sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abends can be caused by the invalid record length.

C2P996I **MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

04

C2P997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2P998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2P999I **STORAGE SHORTAGE FOR TASK *taskname* HEAP *heapname* IN *program* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. It is followed by a user abend 16.

Severity

16

C2P messages from 1000 to 1999 (Predefined RACF alerts)

Related information

C2P messages from 0 to 999 (zSecure started task)
C2P messages from 2000 to 2999 (Predefined ACF2 alerts)
C2P messages from 4000 to 6999 (Installation defined alerts)
This message range is reserved for installation defined alerts.
C2P messages from 8000 to 8999

C2P1101I **Logon by unknown user *id* job *job***

Explanation

A user, unknown to RACF, logged on or submitted a batch job.

id
The unknown user ID that entered the system

job
The jobname of the job resulting from a logon or jobname of the submitted job.

C2P1102I **Emergency user *user* logged on**

Explanation

An alert is sent if a user ID that is meant for emergencies is used for a TSO logon or a batch job submission.

user
The user ID of the user that logged on to the system.

C2P1103I **Superuser *user* logon to *system***

Explanation

An alert is sent if a user ID with UNIX uid 0 is used to logon to TSO or OMVS.

user
The user ID of the superuser that logged on to the system.

system
The system the user logged onto, either OMVS or TSO.

C2P1104I **Highly authorized user *user* revoked for password violations**

Explanation

A user with a system-level authority (SPECIAL, OPERATIONS, AUDITOR, or ROAUDIT) is revoked because of excessive invalid password attempts.

user
The user ID of the user with system-level authority that is revoked for excessive password violations.

C2P1105I **System authority *authority* granted to *user1* by *user2***

Explanation

A user obtains system-level authority (SPECIAL, OPERATIONS, AUDITOR , ROAUDIT, or CLAUTH).

authority
The system-level authorities (SPECIAL, AUDITOR, OPERATIONS, ROAUDIT, or CLAUTH) that are granted to user *user1*.

user1
The user ID of the user that is granted the system-level authority.

user2
The user ID of the user that granted the system-level authority to *user1*.

C2P1106I **System authority *authority* removed from *user1* by *user2***

Explanation

A system-level authority (SPECIAL, OPERATIONS, AUDITOR, ROAUDIT, or CLAUTH) is removed from a user.

authority
The system-level authorities (SPECIAL, AUDITOR, OPERATIONS, ROAUDIT, or CLAUTH) that are removed from user *user1*.

user1
The user ID of the user that has her system-level authority removed.

user2
The user ID of the user that removed the system-level authority from user *user1*.

C2P1107I **Group authority *authority* granted to *user* in *group***

Explanation

A group-level authorization (SPECIAL, OPERATIONS and AUDITOR) is granted to a user.

authority
The group-level authorities (SPECIAL, AUDITOR or OPERATIONS) that are granted to user *user*.

user
The user ID of the user that is granted the authority in group *group*.

group
The group in which the user is granted the authority.

C2P1108I **Group authority *authority* removed for *user* in *group***

Explanation

A group-level authorization (SPECIAL, OPERATIONS and AUDITOR) is removed from a user, or a user with such authorizations is removed from a group.

authority
The group-level authorities (SPECIAL, AUDITOR or OPERATIONS) that are removed from user *user*.

user
The user ID of the user that has her authority in group *group* removed.

group
The group from which the user's authority is removed.

C2P1109I **non-SPECIAL user *user* issued SPECIAL command *command***

Explanation

A user without system or group special authorization executes a command with the group or system special authorizations. This means that the user has the potential to successfully execute commands requiring (group or system) special, but does not have SPECIAL authority herself.

user
The user ID of the user that executed the command while having system SPECIAL authority.

command
The command that was executed. This field can extent multiple lines.

C2P1110I **non-OPERATIONS user *user* accessed (*access*) with OPERATIONS data set *data set***

Explanation

A user without system or group operations accesses a data set with group or system operations authority. This implies that the user can access all data sets in his scope (unless explicitly denied on an ACL).

user
The user ID of the user that accessed data set *data set*.

access
The access level made on the data set.

data set
The data set that was accessed.

C2P1111I **Invalid password attempts exceed limit for *user***

Explanation

The number of attempts to log on with a specific user ID while specifying an invalid password exceed the limit set for the time window.

user
The user ID that is used to attempt to log on the system.

C2P1112I Password history flushed for *user*

Explanation

The password for a specific user ID is changed more often than the password history SETROPTS setting within a specific time window. This way, the user has flushed the entire password history, thereby enabling reuse of a previous password.

user
The user ID of the user that flushed his password history.

C2P1113I Suspect password changes for *user*

Explanation

The password for a specific user ID is changed too often (but not so often that it has flushed his password history completely) within a specific time window.

user
The user ID of the user that changed his password too often.

C2P1114I Connect authority *authority* set for *user* in *group*.

Explanation

An authority level of CREATE or higher is set on a connect.

authority
The group authority (CREATE, CONNECT, or JOIN) that is granted to user *user*.

user
The user ID of the user that is granted the group authority in group *group*.

group
The group in which the user is granted the authority.

C2P1115I User *user revoke-action* after *nn* violations *nn* violations recorded for user *userid*

Explanation

A user created an excessive number of violations in a short time.

nn
The number of violations

revoke-action
The action taken by zSecure Alert to revoke the user. This can either be a direct revoke via RACF, or a scheduled revoke through CKGRACF.

user
The user ID of the user creating the violations

C2P1119I *user1* assigned non-expiring password for *user2*

Explanation

The PASSWORD NOINTERVAL command was issued to set a non-expiring password for a user ID.

user1
The user ID of the user who issued the RACF command.

user2
The user ID for which the non-expiring password was set.

C2P1120I *commands* commands recorded for user *user*

Explanation

An alert was sent because more RACF commands than a configured number were recorded for a specific user ID in the interval. The interval is specified with the zSecure Alert REPORT option **AverageInterval**.

commands
The number of RACF commands issued.

user
The user ID of the user who issued the RACF commands.

C2P1121I *user1* removed protected status from *user2*

Explanation

The ALTUSER PASSWORD command was issued to remove the protected status for a user ID.

user1
The user ID of the user who issued the RACF command.

user2
The user ID for which the protected status was removed.

C2P1122I **Sensitive user ID *user* jobname *jobname* logon [failed]**

Explanation

An alert is sent if a user ID that is considered sensitive is used to sign on or run a batch job.

user
The ID of the user that logged on to the system.

jobname
The jobname of the task where the user ID was used. This can be the name of a batch job, the TSO user ID, or the name of a subsystem that performs work on behalf of the user.

C2P1123I **ACEE change detected for *user: attribute***

Explanation

This alert is issued if RACF detected a change to the in-storage ACEE that describes the user's attributes and authorizations:

user
The ID of the user whose ACEE was changed.

attribute
The first attribute change that RACF detected and reported in message IRR421I.

In general, issuing a WTO alert based on a WTO message provides no additional benefit. The primary purpose of the WTO format of this alert is an easy method to verify that the alert is triggered.

C2P1124I **Authorized user *user* logged on from *IP-address***

Explanation

A *user* with SPECIAL, AUDITOR, OPERATIONS, or ROAUDITOR authorization logged on to TSO from an *IP-address* that is not allowed.

user
The user ID of the user that logged on to the *IP-address*.

IP-address
The IP address from where the *user* logged on.

C2P1201I **WARNING mode *access* by *user* on data set *data set***

Explanation

A data set is accessed and access is granted because of warning mode.

access
The access level used on the data set.

user
The user ID of the user that accessed data set *data set*.

data set
The data set that was accessed.

C2P1202I **Public access >=UPDATE set: *profile control* set to *access***

Explanation

A high access level was granted to DATASET profile *profile* via the indicated *control*.

profile
The profile to which high public access was granted.

control
UACC (permits access to everyone) or ID(*) access (permits access to all users that are defined to RACF).

access
The public access level that is granted.

C2P1203I **Public access >NONE set: *profile control* set to *access***

Explanation

Access was granted to DATASET profile *profile* via the indicated *control*.

profile
The profile to which public access was granted.

control
UACC (permits access to everyone) or ID(*) access (permits access to all users that are defined to RACF).

access
The public access level that is granted.

C2P1204I **Update by *user* on APF data set *data set***

Explanation

An APF authorized data set is updated.

data set
The APF data set that was updated.

user
The user ID of the user who updated the APF data set.

C2P1205I **Data set added to APF list from console *console*: *data set* on volume *volume***

Explanation

An alert is generated when a data set is dynamically added to the APF list using the SET PROG or SETPROG command.

console
The console from which the user entered the SET PROG or SETPROG command.

data set
The data set that was added to the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P1206I **Data set removed from APF list from console *console*: *data set* on volume *volume***

Explanation

An alert is generated when a data set is dynamically removed from the APF list using the SET PROG or SETPROG command.

console
The console from which the user entered the SET PROG or SETPROG command.

data set
The data set that was removed from the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P1207I **Data set addition to APF list detected: *data set***

Explanation

This alert is generated when a data set is added to the APF list by any method. It includes use of the SET PROG or SETPROG command and use of other products. To generate this alert, Extended Monitoring must be active. Because this alert is based on a comparison of two system snapshots, it does not provide any information about the user ID or jobname that was used to add the data set or the process that was used to perform the addition.

C2P1208I **Data set removal from APF list detected: *data set***

Explanation

This alert is generated when a data set is removed from the APF list by any method. It includes use of the SET PROG or SETPROG command and use of other products. To generate this alert, Extended Monitoring must be active. Because this alert is based on a comparison of two system snapshots, it does not provide any information about the user ID or jobname that was used to add the data set or the process that was used to perform the addition.

C2P1209I ***intent* access by *user* on PCI-PAN data set *data set***

Explanation

This alert indicates that a successful non-regular READ or higher access occurred on a PCI-PAN (credit card Primary Account Number) data set.

intent
The access intent: READ, CONTROL, UPDATE, or ALTER.

user
The user ID of the user who accessed the PCI-PAN data set.

data set
The PCI-PAN data set that was accessed.

C2P1210I ***intent* access by *user* on PCI-PAN-clr data set *data set***

Explanation

This alert indicates that a successful non-regular READ or higher access occurred on a cleartext PCI-PAN (credit card Primary Account Number) data set.

intent
The access intent: READ, CONTROL, UPDATE, or ALTER.

user
The user ID of the user who accessed the cleartext PCI-PAN data set.

data set
The cleartext PCI-PAN data set that was accessed.

C2P1211I ***intent* access by *user* on PCI-AUTH data set *data set***

Explanation

This alert indicates that a successful non-regular READ or higher access occurred on a PCI-AUTH data set.

intent
Specifies the access intent: READ, CONTROL, UPDATE, or ALTER.

user
Specifies the user ID of the user who accessed the PCI-AUTH data set.

data set
Specifies the PCI-AUTH data set that was accessed.

C2P1212I ***intent* access by *user* on site-sensitive READ data set *data set***

Explanation

This alert is issued when user *user* accessed the data set data set *data set* for read or higher. The data set *dsname* is specified as a site specific READ sensitive data set. The user is not included in the list of ids that are exempt from generating this alert.

intent
The access intent: READ, CONTROL, UPDATE, or ALTER.

user
The user ID of the user who accessed the site-sensitive READ data set.

data set
The site-sensitive READ data set that was accessed.

C2P1213I ***intent* access by *user* on site-sensitive UPDATE data set *data set***

Explanation

This alert is issued when user *user* accesses the data set *data set* for update or higher. The data set *dsname* is specified as a site specific UPDATE sensitive data set. The user is not included in the list of IDs that are exempt from generating this alert.

intent
The access intent: UPDATE or ALTER.

user
The user ID of the user who accessed the site-sensitive UPDATE data set.

data set
The site-sensitive UPDATE data set that was accessed.

C2P1214I ***action* action by *user* on UPDATE sensitive member *member* in data set *data set***

Explanation

A successful action occurred on an UPDATE sensitive member.

action
The action performed on the member: INITIALIZE, DELETE, ADD, REPLACE, or RENAME.

user
The user ID of the user who performed the action on the UPDATE sensitive member.

member
The UPDATE sensitive member.

data set
The data set in which the member resides.

C2P1215I **WARNING mode set: *profile* by *user***

Explanation

Warning mode was set for a DATASET profile. This means that all access that the profile normally does not grant is also allowed.

profile
The profile for which WARNING is set.

user
The user ID of the user who set the profile to WARNING mode.

C2P1216I **LEVEL value set: *profile* by *user***

Explanation

A level value other than zero was set for a new DATASET profile or the level was changed for an existing DATASET profile.

profile
The profile for which the level was set.

user
The user ID of the user who set the level value.

C2P1217I **Data set added to APF list from console/terminal *console*: *dataset* on volume *volume***

Explanation

An alert is generated when a data set is dynamically added to the APF list using the SET PROG or SETPROG command.

console
The console or terminal from which the user entered the SET PROG or SETPROG command.

dataset
The data set that was added to the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P1218I **Data set removed from APF list from console/terminal *console*: *dataset* on volume *volume***

Explanation

An alert is generated when a data set is dynamically removed from the APF list using the SET PROG or SETPROG command.

console
The console or terminal from which the user entered the SET PROG or SETPROG command.

dataset
The data set that was removed to the APF list.

volume
The volume on which the data set resided or <SMS MANAGED> if the data set is managed by SMS.

C2P1301I **STARTED/*profile* used for STC *procname.jobname***

Explanation

A started task is checked against a catchall profile in the STARTED class.

profile
The profile against which the started task is checked.

procname
The name of the started procedure.

jobname
The jobname in which the started procedure runs.

C2P1302I **Audited program *program* from data set *data set* has been executed by *user***

Explanation

An audited program has started execution.

program
The program that executed.

data set
The data set from which the program originates.

user
The user ID of the user who ran the program.

C2P1303I **WARNING mode *access* by *user* on *class profile***

Explanation

A profile in a general resource class is checked for access and access is granted because of warning mode.

access
The access level used on the resource.

user
The user ID of the user who accessed the general profile.

class
The class in which the profile resides.

profile
The profile that was accessed.

C2P1304I **Public access >NONE set: *class profile control* set to *access***

Explanation

Access was granted to profile *profile* in the indicated *class* via the indicated *control*.

class
The general resource class for the profile.

profile
The profile to which public access was granted.

control
UACC (permits access to everyone) or ID(*) access (permits access to all users that are defined to RACF).

access
The public access level that is granted.

C2P1305I **WARNING mode set: *class profile* by *user***

Explanation

Warning mode was set for a general resource profile. This means that all access that the profile normally does not grant is also allowed.

class
The general resource class for the profile.

profile
The profile for which WARNING is set.

user
The user ID of the user who set the profile to WARNING mode.

C2P1306I ***user* has allowed any access for STC *profile***

Explanation

The trusted or privileged attribute is assigned to a started task (STC) through an RDEFINE or RALTER command for a profile in the STARTED class.

user
The user ID of the user who issued the RACF command.

class
The class in which the profile resides.

profile
The STARTED profile.

C2P1307I **LEVEL value set: *class profile* by *user***

Explanation

A level value other than zero was set for a new general resource profile or the level was changed for an existing general resource profile.

class
The general resource class for the profile.

profile
The profile for which a LEVEL value was set.

user
The user ID of the user who set the profile to WARNING mode.

C2P1401I **UNIX access violation (*access*) by *user* on *path***

Explanation

An access violation is made on a UNIX file or directory.

access
The intended UNIX access.

user
The user ID of the user who attempted to access the file or directory.

path
The path of the file or directory.

C2P1402I **Global write specified by *user* on *path***

Explanation

Write access is specified on the 'other' group of permissions of a UNIX file.

user
The user ID of the user who added global write to the permission of the UNIX file or directory.

path
The path of the file or directory.

C2P1403I **Global read specified by *user* on *path***

Explanation

Read access is specified on the 'other' group of permissions of a UNIX file or directory.

user
The user ID of the user who added global read to the permission of the UNIX file.

path
The path of the file.

C2P1404I **APF or program control bit changed by *user* on UNIX file or directory**
path

Explanation

An extended attribute (APF, program control or BPX shareas) is set or removed from a UNIX file or program.

user
The user ID of the user who set the APF or program control bit on the file or directory.

path
The path of the file or directory.

C2P1405I **UNIX program executed by *user* :**
path

Explanation

A UNIX program that has successful execution audit (user or auditor) enabled has started execution.

user
The user ID of the user who executed the program.

path
The path of the program.

C2P1406I **Superuser privileged UNIX program executed by *user*:**
path

Explanation

A UNIX program owned by uid 0 that has setuid enabled and that has successful execution audit (user or auditor) enabled has started execution.

user
The user ID of the user who executed the program.

path
The path of the program.

C2P1407I **Superuser privileged shell obtained by user *user***

Explanation

A user used the UNIX **su** command to obtain a shell with superuser privileges.

user
The user ID of the user who used **su**.

C2P1408I **Superuser privileges set on UNIX program**
path

Explanation

The setuid bit is set on a program owned by a UNIX superuser.

path
The path of the program.

C2P1409I **Extended attribute changed (*SAP->SAP*) by *userid* for *filename***

Explanation

The extended attributes of a UNIX file *filename* changed. The old and new extended attributes are shown between the parentheses. *SAP* stands for the extended attributes: Shared library, APF authorized, and Program controlled. If an attribute is not set, it is shown as a blank.

The command was issued by *userid*.

C2P1410I ***issuer*** **assigned UID(0) for** ***user***

Explanation

UID(0) is assigned using the ALTUSER or ADDUSER OMVS(UID(0)) command.

issuer
The user ID of the user who issued the RACF command.

user
The user ID for which the command is issued.

C2P1411I ***issuer*** **issued permit on BPX.SUPERUSER for** ***user***

Explanation

A permit is issued for profile BPX.SUPERUSER in the FACILITY class.

issuer
The user ID of the user who issued the RACF command.

user
The user ID for which the command is issued.

C2P1501I **Global security countermeasure activated by** ***user: command***

Explanation

A RACF SETROPTS command that tightened system security is executed.

user
The user ID of the user who executed the command.

command
The command that was executed.

C2P1502I **Global security countermeasure deactivated by** ***user: command***

Explanation

A RACF SETROPTS command that degraded system security is executed.

user
The user ID of the user who executed the command.

command
The command that was executed.

C2P1503I **Global security countermeasure changed by** ***user: command***

Explanation

A RACF SETROPTS command that changed system security is executed.

user
The user ID of the user who executed the command.

command
The command that was executed.

C2P1504I **RACF Resource class activated:** ***class***

Explanation

This alert is generated when a RACF resource class is detected to have been activated. Because this alert is based on a comparison of two system snapshots, it does not provide any information about how the change was accomplished.

C2P1505I **RACF Resource class deactivated:** ***class***

Explanation

An alert is generated when a RACF resource class is detected to have been deactivated. Because this alert is based on a comparison of two system snapshots, it does not provide any information about how the change was accomplished.

C2P1506I ***user*** **modified GAC table for class** ***class***

Explanation

A global access checking table entry was added, deleted, or modified.

user
The user ID of the user who issued the RACF command.

class
The global access checking table entry.

C2P1507I ***user*** **modified the dynamic CDT for class** ***class***

Explanation

A dynamic class descriptor table entry was added, deleted, or modified.

user
The user ID of the user who issued the RACF command.

class
The dynamic class descriptor table entry.

C2P1508I **Command Verifier deactivated at console *console*: *response***

Explanation

zSecure Command Verifier is deactivated by a SETPROG EXIT,DELETE,EXITNAME=IRREVX01, MODNAME=C4RMAIN command.

console
The console ID from which the command was issued.

response
The SETPROG command response.

C2P1601I **SMF data loss started. WTO msgid: *msgid***

Explanation

WTO reports that SMF data loss has started.

msgid
The message ID of the WTO message in which this event is reported.

C2P1602I **SMF logging resumed after failure. *number* records [lost | dropped].**

Explanation

SMF data was lost due to full buffers or due to flood facility response, but the system has resumed logging.

number is the number of messages that were lost or dropped by the SMF record flood facility.

C2P1603I **SVC definition changed: *SVCNO/ESRNO***

Explanation

An alert is generated when a change has been detected in the definition of an SVC in the SVC-table or the SVC ESR-table. Because this alert is based on a comparison of two system snapshots, it does not provide any information about how the change was accomplished.

C2P1604I **IBM Health Checker found low severity problem: *msg***

Explanation

The IBM Health Checker found a problem of low severity.

msg
The message text of WTO ID HZS0001I.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0001I.

C2P1605I **Health Checker found medium severity problem: *msg***

Explanation

The IBM Health Checker found a problem of medium severity.

msg
The message text of WTO ID HZS0002E.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0002E.

C2P1606I **Health Checker found high severity problem: *msg***

Explanation

The IBM Health Checker found a problem of high severity.

msg
The message text of WTO ID HZS0003E.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0003E.

C2P1607I **SMF record flood detected. WTO msgid: *msg***

Explanation

An SMF record flood was detected.

msg
The message text of WTO ID IFA780A.

User response

See *z/OS V1R12.0 MVS System Messages, Vol. 8 (IEF-IGD)* in the z/OS Internet Library for information on responding to message IFA780A.

C2P1608I **SMF record flood starts dropping records. WTO msgid: *msg***

Explanation

An SMF record flood began dropping the record types specified in the message text.

msg
The message text of WTO ID IFA782A.

User response

See *z/OS V1R12.0 MVS System Messages, Vol. 8 (IEF-IGD)* in the z/OS Internet Library for information on responding to message IFA782A.

C2P1609I **Attacks blocked by filter rules are no longer logged**
Audit trail incomplete in TCP/IP stack *stack_name*

Explanation

Logging for packet filtering is no longer enabled.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1610I **Attacks blocked by default filter rules are no longer logged - audit trail incomplete in TCP/IP stack *stack_name***

Explanation

Logging is no longer enabled for packets that are denied by the implicit default rules.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1611I **SMF 119 *subtype* is no longer written**
Audit trail incomplete in TCP/IP stack *stack_name*

Explanation

SMF 119 records are no longer written if:

- A user invokes the FTP client command (FTPCLIENT)
- Statistics related to LINK utilization become available (IFSTAT)
- A tunnel is added, removed, activated, or deactivated (IPSECURITY)
- Statistics related to reserved PORT utilization become available (PORTSTAT)
- A TCP connection is established (TCPINIT)
- A TCP/IP stack is activated or terminated (TCPIPSTACK)
- TCP/IP statistics become available (TCPIPSTAT)
- A TCP connection is terminated (TCPTERM)
- The TSO Telnet Client code starts or ends a connection (TN3270CLIENT)
- A UDP socket is closed (UDPTERM)

subtype
SMF 119 subtype (ftpclient, ifstat, ipsecurity, portstat, tcpinit, tcpipstack, tcpipstat, tcpterm, tn3270client, or udpterm).

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1612I ***IP* IP filtering support and IPsec tunnel support deactivated in TCP/IP stack *stack_name***

Explanation

IPv4 or IPv6 IP filtering support and IPSec tunnel support are no longer activated.

IP
The IP version, either IPv4 or IPv6.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1613I ***protocol* ports below 1024 are not reserved anymore in TCP/IP stack *stack_name***

Explanation

TCP or UDP port values from 1 to 1023 are no longer reserved for users by the PORT and PORTRANGE statements.

protocol
The type of protocol, either TCP or UDP.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1614I **Interface *interface* security class has changed in TCP/IP stack *stack_name***

Explanation

The security class used for IP filtering with interface *interface* has changed.

interface
The name of an IPv4 or IPv6 interface.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1615I **IP filter rules changed in TCP/IP stack *stack_name***

Explanation

An IP filter rule was changed, added, or deleted.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P1701I ***user1* issued connect to important group *group* for *user2***

Explanation

A user was connected to a group to which connects are specifically monitored.

user1
The user ID of the user that issued the connect

group
The group the user was connected to

user2
The user ID of the user connected

C2P1801I **zSecure Access Monitor not active**

Explanation

zSecure Access Monitor is not active and Access Monitor data is not collected.

C2P1802I **zSecure Server connection lost**

Explanation

The last TCP connection to a partner zSecure Server was dropped. The connection remains dropped until a new allocation request is received.

C2P1804I **Job *jobname* has not started in application *applicationname***

Explanation

A job that is part of an IWS application passed its deadline.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P1805I **Job *jobname* is late starting for application *applicationname***

Explanation

A job that is part of an IWS application is late in starting.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P1806I **Job *jobname* ended in error in application *applicationname***

Explanation

A job that is part of an IWS application stopped running because an unexpected error occurred.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P messages from 2000 to 2999 (Predefined ACF2 alerts)

Related information

C2P messages from 0 to 999 (zSecure started task)
C2P messages from 1000 to 1999 (Predefined RACF alerts)
C2P messages from 4000 to 6999 (Installation defined alerts)
This message range is reserved for installation defined alerts.
C2P messages from 8000 to 8999

C2P2102I **Emergency user *user* logged on**

Explanation

An alert is sent if a logon ID that is meant for emergencies is used for TSO logon or the submission of a batch job.

user
The logon ID of the user that logged on to the system.

C2P2104I **Highly authorized user *user* revoked for password violations**

Explanation

A user with a system-level authority (SECURITY, NON-CNCL, or READALL) is revoked because of excessive invalid password attempts.

user
The logon ID of the user with system-level authority that is revoked for excessive password violations.

C2P2105I **System authority *authority* granted to *user1* by *user2***

Explanation

A user obtains system-level authority (SECURITY, NON-CNCL, or READALL).

authority
The system-level authorities (SPECIAL, NON-CNCL, READALL) that are granted to user *user1*.

user1
The logon ID of the user that is granted the system-level authority.

user2
The logon ID of the user that granted the system-level authority to *user1*.

C2P2106I **System authority *authority* removed from *user1* by *user2***

Explanation

A system-level authority (SECURITY, NON-CNCL, or READALL) is removed from a user.

authority
The system-level authorities (SPECIAL, NON-CNCL, READALL) that are removed from user *user1*.

user1
The logon ID of the user that has her system-level authority removed.

user2
The logon ID of the user that removed the system-level authority from *user1*.

C2P2111I **Invalid password attempts exceed limit for *user***

Explanation

The number of attempts to log on with a specific logon ID while specifying an invalid password exceeds the limit set for the time window.

user
The logon ID that is used to attempt to log on the system.

C2P2112I **Password history flushed for *user***

Explanation

The password for a specific logon ID is changed more often than the password history GSO setting within a specific time window. This way, the user has flushed the entire password history, thereby enabling reuse of a previous password.

user
The logon ID of the user that flushed his password history.

C2P2113I **Suspect password changes for *user***

Explanation

The password for a specific logon ID is changed too often (but not so often that it has flushed his password history completely) within a specific time window.

user
The logon ID of the user that changed his password too often.

C2P2115I ***nn* violations recorded for user *user***

Explanation

A user created an excessive number of violations in a short time.

nn
The number of violations.

user
The logon ID of the user creating the violations.

C2P2116I **non-SECURITY user *user* accessed (*access*) with SECURITY data set *data set***

Explanation

A user without SECURITY accesses a data set with SECURITY authority. This implies that the user can access all data sets.

user
The logon ID of the user that accessed data set *data set*.

access
The access level made on the data set.

data set
The data set that was accessed.

C2P2117I **non-NON-CNCL user *user* accessed (*access*) with NON-CNCL data set *data set***

Explanation

A user without NON-CNCL accesses a data set with NON-CNCL authority. This implies that the user can access all data sets.

user
The logon ID of the user that accessed data set *data set*.

access
The access level made on the data set.

data set
The data set that was accessed.

C2P2118I **non-READALL user *user* accessed (*access*) with READALL data set *data set***

Explanation

A user without READALL accesses a data set with READALL authority. This implies that the user can read all data sets.

user
The logon ID of the user that accessed data set *data set*.

access
The access level made on the data set.

data set
The data set that was accessed.

C2P2119I ***user1* enabled non-expiring password for *user2***

Explanation

The LIDZMAX attribute was set to enable a non-expiring password for a logonid. The non-expiring password is effective when MAXDAYS(0) is set for the logonid.

user1
The logonid of the user who issued the ACF2 command.

user2
The logonid for which for which the LIDZMAX attribute was set.

C2P2120I ***commands* commands recorded for logonid *logonid***

Explanation

An alert was sent because more ACF2 commands than a configured number were recorded for a specific user ID in the interval. The interval is specified with the zSecure Alert REPORT option **AverageInterval**.

commands
The number of ACF2 commands issued.

user
The logon ID of the user who issued the ACF2 commands.

C2P2124I **Authorized user *logonid* logged on from *IP-address***

Explanation

A *logonid* with a system-level authority (SECURITY, NON-CNCL, or READALL) logged on to TSO from an *IP-address* that is not allowed.

logonid
The logonid of the user that logged on to the *IP-address*.

IP-address
The IP address from where the *logonid* logged on.

C2P2201I **WARNING mode *access* by *user* on data set *data set***

Explanation

A data set is accessed and access is granted because of warning mode.

access
The access level used on the data set.

user
The logon ID of the user that accessed data set *data set*.

data set
The data set that was accessed.

C2P2204I **Update by *user* on APF data set *data set***

Explanation

An APF authorized data set is updated.

data set
The APF data set that was updated.

user
The logon ID of the user who updated the APF data set.

C2P2205I **Data set added to APF list from console *console*:**
data set* on volume *volume

Explanation

An alert is generated when a data set is dynamically added to the APF list using the SET PROG or SETPROG command.

console
The console from which the user entered the SET PROG or SETPROG command.

data set
The data set that was added to the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P2206I **Data set removed from APF list from console *console*:**
data set* on volume *volume

Explanation

An alert is generated when a data set is dynamically removed from the APF list using the SET PROG or SETPROG command.

console
The console from which the user entered the SET PROG or SETPROG command.

data set
The data set that was removed from the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P2207I **Data set addition to APF list detected: *data set***

Explanation

An alert is generated when a data set is added to the APF list by any method. It includes use of the SET PROG or SETPROG command and use of other products. To generate this alert, Extended Monitoring must be active. Because this alert is based on a comparison of two system snapshots, no information is available about the user ID or jobname that was used to add the data set or the process that was used to perform the addition.

C2P2208I **Data set removal from APF list detected: *data set***

Explanation

An alert is generated when a data set is removed from the APF list by any method. It includes use of the SET PROG or SETPROG command and use of other products. To generate this alert, Extended Monitoring must be active. Because this alert is based on a comparison of two system snapshots, it does not provide any information about the user ID or jobname that was used to remove the data set or the process that was used to perform the addition.

C2P2209I ***intent* access by *user* on PCI-PAN data set *data set***

Explanation

This alert indicates that a successful non-regular INPUT or higher access occurred on a PCI-PAN (credit card Primary Account Number) data set.

intent
Specifies the access intent: INPUT, READBACK, OUTPUT, UPDATE, INOUT, OUTIN, or OUTINX.

user
Specifies the LOGONID of the user who accessed the PCI-PAN data set.

data set
Specifies the PCI-PAN data set that was accessed.

C2P2210I ***intent* access by *user* on PCI-PAN-clr data set *data set***

Explanation

This alert indicates that a successful non-regular INPUT or higher access occurred on a cleartext PCI-PAN (credit card Primary Account Number) data set.

intent
Specifies the access intent: INPUT, READBACK, OUTPUT, UPDATE, INOUT, OUTIN, or OUTINX.

user
Specifies the LOGONID of the user who accessed the cleartext PCI-PAN data set.

data set
Specifies the cleartext PCI-PAN data set that was accessed.

C2P2211I ***intent* access by *user* on PCI-AUTH data set *data set***

Explanation

This alert indicates that a successful non-regular INPUT or higher access occurred on a PCI-AUTH data set.

intent
Specifies the access intent: INPUT, READBACK, OUTPUT, UPDATE, INOUT, OUTIN, or OUTINX.

user
Specifies the LOGONID of the user who accessed the PCI-AUTH data set.

data set
Specifies the PCI-AUTH data set that was accessed.

C2P2212I ***intent*** **access by** ***user*** **on site-sensitive READ data set** ***data set***

Explanation

This alert is issued when user *user* accessed the data set *data set* for read or higher. The data set *dsname* is specified as a site specific READ sensitive data set. The user is not included in the list of IDs that are exempt from generating this alert.

intent
The access intent: INPUT, READBACK, OUTPUT, UPDATE, INOUT, OUTIN, or OUTINX.

user
The LOGONID of the user who accessed the site-sensitive READ data set.

data set
The site-sensitive READ data set that was accessed.

C2P2213I ***intent*** **access by** ***user*** **on site-sensitive UPDATE data set** ***data set***

Explanation

This alert is issued when user *user* accessed the data set *data set* for update or higher. The data set *dsname* is specified as a site specific UPDATE sensitive data set. The user is not included in the list of ids that are exempt from generating this alert.

intent
The access intent: OUTPUT, UPDATE, INOUT, OUTIN, or OUTINX.

user
The LOGONID of the user who accessed the site-sensitive UPDATE data set.

data set
The site-sensitive UPDATE data set that was accessed.

C2P2214I ***action*** **action by** ***loginid*** **on UPDATE sensitive member** ***member*** **in data set** ***data set***

Explanation

A successful action occurred on an UPDATE sensitive member.

action
The action performed on the member: INITIALIZE, DELETE, ADD, REPLACE, or RENAME.

loginid
The logonid of the user who performed the action on the UPDATE sensitive member.

member
The UPDATE sensitive member.

data set
The data set in which the member resides.

C2P2217I **Data set added to APF list from console/terminal** ***console*****:** ***dataset*** **on volume** ***volume***

Explanation

An alert is generated when a data set is dynamically added to the APF list using the SET PROG or SETPROG command.

console
The console or terminal from which the user entered the SET PROG or SETPROG command.

dataset
The data set that was added to the APF list.

volume
The volume on which the data set resides or <SMS MANAGED> if the data set is managed by SMS.

C2P2218I **Data set removed from APF list from console/terminal** ***console*****:** ***dataset*** **on volume** ***volume***

Explanation

An alert is generated when a data set is dynamically removed from the APF list using the SET PROG or SETPROG command.

console
The console or terminal from which the user entered the SET PROG or SETPROG command.

dataset
The data set that was removed to the APF list.

volume
The volume on which the data set resided or <SMS MANAGED> if the data set is managed by SMS.

C2P2301I **STC default LID *stcid* used for STC *procname***

Explanation

A started task uses the default STC logon ID as specified by GSO OPTS setting DFTSTC.

stcid
The default STC logon ID.

procname
The name of the started procedure.

C2P2407I **Superuser privileged shell obtained by user *user***

Explanation

A user used the UNIX **su** command to obtain a shell with superuser privileges.

user
The logon ID of the user who used **su**.

C2P2409I **Extended attribute changed (*SAP->SAP*) by *userid* for *filename***

Explanation

The extended attributes of a UNIX file *filename* changed. The old and new extended attributes are shown between the parentheses. *SAP* stands for the extended attributes: Shared library, APF authorized, and Program controlled. If an attribute is not set, it is shown as a blank.

The command was issued by *userid*.

C2P2501I **Global security countermeasure added by *user***
Rule key : *rule key*
Field/value: *field/value*

Explanation

An ACF2 GSO rule is added.

user
The logon ID of the user who executed the command.

rule key
The GSO rule key that was added.

field
The name of the GSO field.

value
The value to which *field* is set.

C2P2502I **Global security countermeasure deleted by *user***
Rule key: *rule key*
Field/value: *field/value*

Explanation

An ACF2 GSO rule is deleted.

user
The logon ID of the user who executed the command

rule key
The GSO rule key that was deleted

field
The name of the GSO field

value
The value of *field*

C2P2503I **Global security countermeasure changed by *user***
Rule key : *rule key*
Field/value: *field/old value/new value*

Explanation

An ACF2 GSO rule is changed.

user
The logon ID of the user who executed the command.

rule key
The GSO rule key that was changed.

field
The name of the GSO field.

old value
The old value of *field*.

new value
The value to which *field* is set.

C2P2601I **SMF data loss started. WTO msgid: msgid**

Explanation

WTO reports that SMF data loss has started.

msgid
The message ID of the WTO message in which this event is reported.

C2P2602I **SMF logging resumed after failure. *number* records lost.**

Explanation

SMF data was lost due to full buffers, but the system has resumed logging.

number
The number of messages that were lost.

C2P2603I **SVC definition changed: *SVCNO/ESRNO***

Explanation

An alert is generated when a change has been detected in the definition of an SVC in the SVC-table or the SVC ESR-table. Because this alert is based on a comparison of two system snapshots, it does not provide any information about how the change was accomplished.

C2P2604I **Health Checker found low severity problem:**
msg

Explanation

The IBM Health Checker found a problem of low severity.

msg
The message text of WTO ID HZS0001I.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0001I.

C2P2605I **Health Checker found medium severity problem:**
msg

Explanation

The IBM Health Checker found a problem of medium severity.

msg
The message text of WTO ID HZS0002E.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0002E.

C2P2606I **Health Checker found high severity problem:**
msg

Explanation

The IBM Health Checker found a problem of high severity.

msg
The message text of WTO ID HZS0003E.

User response

See the *IBM Health Checker for z/OS User's Guide* in the z/OS Internet Library for information on responding to message HZS0003E.

C2P2607I **SMF record flood detected. WTO msgid: *msg***

Explanation

An SMF record flood was detected.

msg
The message text of WTO ID IFA780A.

User response

See *z/OS V1R12.0 MVS System Messages, Vol. 8 (IEF-IGD)* in the z/OS Internet Library for information on responding to message IFA780A.

C2P2608I **SMF record flood starts dropping records. WTO msgid: *msg***

Explanation

An SMF record flood began dropping the record types specified in the message text.

msg
The message text of WTO ID IFA782A.

User response

See *z/OS V1R12.0 MVS System Messages, Vol. 8 (IEF-IGD)* in the z/OS Internet Library for information on responding to message IFA782A.

C2P2609I **Attacks blocked by filter rules are no longer logged**
Audit trail incomplete in TCP/IP stack *stack_name*

Explanation

Logging for packet filtering is no longer enabled.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2610I **Attacks blocked by default filter rules are no longer logged - audit trail incomplete in TCP/IP stack *stack_name***

Explanation

Logging is no longer enabled for packets that are denied by the implicit default rules.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2611I **SMF 119 *subtype* is no longer written**
Audit trail incomplete in TCP/IP stack *stack_name*

Explanation

SMF 119 records are no longer written if:

- A user invokes the FTP client command (FTPCLIENT)
- Statistics related to LINK utilization become available (IFSTAT)
- A tunnel is added, removed, activated, or deactivated (IPSECURITY)
- Statistics related to reserved PORT utilization become available (PORTSTAT)
- A TCP connection is established (TCPINIT)
- A TCP/IP stack is activated or terminated (TCPIPSTACK)
- TCP/IP statistics become available (TCPIPSTAT)
- A TCP connection is terminated (TCPTERM)
- The TSO Telnet Client code starts or ends a connection (TN3270CLIENT)
- A UDP socket is closed (UDPTERM)

subtype
SMF 119 subtype (ftpclient, ifstat, ipsecurity, portstat, tcpinit, tcpipstack, tcpipstat, tcpterm, tn3270client, or udpterm).

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2612I ***IP* IP filtering support and IPsec tunnel support deactivated in TCP/IP stack *stack_name***

Explanation

IPv4 or IPv6 IP filtering support and IPSec tunnel support are no longer activated.

IP
The IP version, either IPv4 or IPv6.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2613I ***protocol* ports below 1024 are not reserved anymore in TCP/IP stack *stack_name***

Explanation

TCP or UDP port values from 1 to 1023 are no longer reserved for users by the PORT and PORTRANGE statements.

protocol
The type of protocol, either TCP or UDP.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2614I **Interface *interface* security class has changed in TCP/IP stack *stack_name***

Explanation

The security class used for IP filtering with interface *interface* has changed.

interface
The name of an IPv4 or IPv6 interface.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2615I **IP filter rules changed in TCP/IP stack *stack_name***

Explanation

An IP filter rule was changed, added, or deleted.

stack_name
The name of the started task procedure that is running the TCP/IP stack.

C2P2802I **zSecure Server connection lost**

Explanation

The last TCP connection to a partner zSecure Server was dropped. The connection remains dropped until a new allocation request is received.

C2P2804I **Job *jobname* has not started in application *applicationname***

Explanation

A job that is part of an IWS application passed its deadline.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P2805I **Job *jobname* is late starting for application *applicationname***

Explanation

A job that is part of an IWS application is late in starting.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P2806I **Job *jobname* ended in error in application *applicationname***

Explanation

A job that is part of an IWS application stopped running because an unexpected error occurred.

jobname
The name of the job.

applicationname
The name of the IWS application.

C2P messages from 4000 to 6999 (Installation defined alerts)

This message range is reserved for installation defined alerts.

The range 4000 to 4999 is intended for RACF alerts. The range 5000 to 5999 is intended for ACF2 alerts. The range 6000 to 6999 is intended for Top Secret alerts, though these are not currently provided or supported. Consult the person responsible for maintaining the alert configurations at your site.

Related information

C2P messages from 0 to 999 (zSecure started task)
C2P messages from 1000 to 1999 (Predefined RACF alerts)
C2P messages from 2000 to 2999 (Predefined ACF2 alerts)
C2P messages from 8000 to 8999

C2P messages from 8000 to 8999

Related information

C2P messages from 0 to 999 (zSecure started task)
C2P messages from 1000 to 1999 (Predefined RACF alerts)
C2P messages from 2000 to 2999 (Predefined ACF2 alerts)
C2P messages from 4000 to 6999 (Installation defined alerts)
This message range is reserved for installation defined alerts.

C2P8000I **Access data for period *datetime1* - *datetime2***

Explanation

This message shows the period during which the events that are reported in message C2P8001I were recorded.

C2P8001I ***Type count***

Explanation

This message shows the total number of events, and the count of the supported event types. The *count* is shown in an abbreviated format using five characters and inserting the appropriate SI multiplication factor (k, M, G, T, P, or E). For example, a count of 10485760 is printed as 10M49.

C2P8002I **Output records *count***

Explanation

This message shows the total number of records that are written to the Access file for the events that are collected during this period. This includes the effect of resource mapping rules and the suppression of configurable data, like jobname and port-of-entry.

Chapter 11. C2R messages

This chapter describes the C2R messages issued by several program components of IBM Security zSecure:

- The NLS table processor C2RIMENU.

  C2RIMENU is a utility program that can be used to verify the current configuration of products and menu options. For details on allocating and using C2RIMENU, see "Resources that configure which options are shown" in *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

  The C2R messages issued by the C2RIMENU program have a message prefix in the form C2R*nnn*I where *nnn* is a message number. The C2RIMENU messages can be read by allocating file C2RIMENU to a data set before starting the ISPF application.
- The XSLT stylesheet supplied with IBM Security zSecure

  The C2R messages issued by the XSLT stylesheets have a message prefix in the form C2R7*nnn* where 7*nnn* is a message number.
- The installation customization REXX exec C2REUPDR.

  The C2R messages issued by the installation customization REXX exec C2REUPDR have a message prefix in the form C2R8*nnn* where 8*nnn* is a message number.

The message prefix is followed by a severity code. The program returns as a completion code the highest severity code encountered.

Messages with the prefix C2RW are issued by zSecure Visual. For details on these messages, see Chapter 13, “C2RW messages,” on page 697.

Messages with the prefix C2RU are issued by zSecure Visual Client. For details on these messages, see Chapter 12, “C2RU messages,” on page 689.

For the Visual log messages, see Chapter 19, “zSecure Visual log messages,” on page 767.

C2R000I **C2RIMENU entered for CKREREL *r type/language* screen *screen* analyzing OS *os* userid *userid* at *date time* on system *name***

Explanation

This message informs you about the options under which C2RIMENU has been started:

- Internal ISPF release compatibility that is being used (CKREREL *r*)
- Type of National Language Support settings (U=User, S=Site, D=Default) and language (C/E/D/G/P/...) that have been chosen
- Logical ISPF screen *screen* for which the NLS table will be built
- Operating system you are running under (1 - MVS, or 2 - VM/CMS)
- User ID for which the NLS table is built
- Date and time the NLS table was built
- System you are running on.

The continuation lines give a number of ISPF variables that depend on the installed products and PARMLIB member IFAPRDxx, and show the values being set by the program. This information can help support personnel understand what is happening.

Severity

0

C2R001I **C2RIMENU RACROUTE abend *type***

Explanation

An abend has occurred in RACROUTE. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

20

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C2R002I **Resource *class entity* SAF RC=*value* RACF RC=*value* RSN=*value***

Explanation

This message informs you of the result of a RACROUTE REQUEST=AUTH call regarding the mentioned resource. The SAF and RACF return codes as well as the reason code are shown. (All values are in hex).

Severity

0

C2R003I **Found NLS table *table* stored *type***

Explanation

This message informs you of the name, type and language of the NLS table found.

Severity

0

C2R004I **License mismatch for *option license***

Explanation

You do not have the product necessary for *option*. The option is disallowed.

Severity

0

C2R005I **Propagated disallowed from *option1* to *option2***

Explanation

This message informs you that the menu option *option1* is disallowed and this is propagated to its suboption *option2*.

Severity

0

C2R006I **Propagated missing from *option1* to *option2***

Explanation

This message informs you that the menu option *option1* is missing and this is propagated to its suboption *option2*.

Severity

0

C2R007I **Disallowed *option* because suboptions present but all disallowed**

Explanation

This message informs you that menu option *option* has been disallowed because all of its suboptions are disallowed.

Severity

0

C2R008I **NLS table row error - *option* LVL1-3 length can not be more than 4**

Explanation

The NLS table row for menu option *option* is incorrect. It exceeds the restriction that the 3 options together cannot be composed of more than 4 characters So if you have 3 levels of options, only one can be two letters.

Severity

4

C2R009I **STATUS=ACCESS not allowed for this user (system abend 047)**

Explanation

The current non-APF run of C2RIMENU does not run under a logonID that is authorized to do RACROUTE STATUS=ACCESS calls. You can remedy this by using the NOAPFCHK keyword on a SAFDEF record that describes the C2RIMENU environment.

```
INSERT SAFDEF.C2RIMENU PROGRAM(C2RIMENU)
RB(C2RIMENU)NOAPFCHK ID(C2RIMENU)RACROUTE
(REQUEST=AUTH,CLASS=XFACILIT,
STATUS=ACCESS)
```

Note: XFACILIT is merely the default; check your CKRSITE module.

Severity

0

C2R010I **[*option* / *action*] *level1 level2 level3* only displayed on *os* systems**

Explanation

The option or action mentioned is only available on *os* systems (z/OS or z/VM)

Severity

0

C2R011I **[*option* / *action*] *level1 level2 level3* disallowed for ISPF releases lower than 5.0**

Explanation

The option or action mentioned is only available on ISPF release 5.0 and higher.

Severity

0

C2R012I **[*option* / *action*] *level1 level2 level3 os* analysis option disabled**

Explanation

The option or action mentioned is only available when analyzing *os* systems (z/OS or z/VM)

Severity

0

C2R013I **Product id and full name of products: *Products***

Explanation

This message shows which products are installed and not disabled through IFAPRDxx. Each line in the *Products* section shows a product ID and the full name of a particular product feature, 5655-N17 IBM Security zSecure Audit for RACF, for example. For a list of the products and product codes that can be shown, see the documentation for the NEWLIST LICENSE parameter in the *zSecure CARLa Command Reference*.

Severity

0

C2R014I **Allowed *optnum* menu options and *actnum* actions.**

Explanation

This message reports the number of menu options, *optnum*, and actions, *actnum*, selected with this entitlement. If IBM Security zSecure Admin is installed on your system, you can use the CKGRACF ACCESS command to find out your access on the relevant menu option and action resources. For information on relevant resources see Appendix B. zSecure-specific security resources of the *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

Severity

0

C2R015I **This program should run under ISPF and zSecure. No such environment found.**

Explanation

This message informs that C2RIMENU failed because a valid ISPF and zSecure environment does not exist. Ensure that there is such a valid environment running.

Severity

8

C2R016I **C2RIMENU ended with RC=*rc*.**

Explanation

This message reports the C2RIMENU final return code (*rc*). There can be five outcomes:

- *RC=0*, no action is required.
- *RC=4*, a low-level error occurred. C2RIMENU continues without problems.
- *RC=8*, ISPF initialization failed. To verify successful installation, contact the system programmer. See also C2R015I.
- *RC=12*, NLS table is missing. To verify successful installation, contact the system programmer.
- *RC=16*, a license error occurred. To verify successful installation, contact the system programmer.

If the problem persists, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

0

C2R874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2R875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n* *ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2R900I ***debug message***

Explanation

This debug message is only relevant for IBM Software Support and is not present in any Generally Available version of the software.

Severity

0

C2R901I **DTISPF internal error: MX#B > DTLNLEN**

Explanation

This message indicates a problem in formatting the display. Unexpected data may be displayed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Provide a description of how to recreate this problem for analysis.

Severity

24

C2R902I **ENDDTPRO error: written beyond DTLNLEN**

Explanation

This message is followed by a user abend 902. It indicates that the program is terminating because of a problem.

User response

Make sure you have no DEBUG command in your input and try again. If the problem persists without DEBUG options, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

C2R915I **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

C2R919I **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

C2R930I **Block count unequal - information may be missing for *data set***

Explanation

This message can occur when reading from tape. It indicates that during End Of Volume processing of one or more tapes allocated to the ddname the block count as recorded in the DCB differs from the block count in the trailer label of the tape. The information read may not be complete.

Severity

8

C2R931I ***proc*: Buffer overrun - *destinationlength sourcelength*:*data***

Explanation

A buffer overrun occurred in the format procedure *proc*. This message will be followed by a user ABEND 931. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

C2R942I **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

0

C2R944I **Unix rdonly close RC *n* dec, reason *n* hex, file *ddname* [path *path*] [desc *filedescriptor*]**

Explanation

This message indicates a failed Unix close call. Use the IBM Unix System Services manual to look up the return and reason codes.

Severity

16

C2R945I **Unix rdonly open RC *n* dec, reason *n* hex, file *ddname* path *path***

Explanation

This message indicates a failed Unix open call. Use the IBM Unix System Services manual to look up the return and reason codes.

Severity

16

C2R946I **Unix record larger than buffer size - split**

Explanation

This message warns that a record that originally was very large is now processed as two separate records.

Severity

4

C2R947I **Reading filedesc *off* failed RC *nn* [*meaning*] reason *qqqq rrrr* x [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1RED (UNIX read) call failed with the indicated return code in decimal and the reason code split into reason code qualifier

qqqq and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes, the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

C2R948I **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

C2R949I **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

0

C2R950I **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

C2R951I **system abend *code* (*desc*) trying to load module *module***

Explanation

This message indicates a failure to load a module and the reason. Abend 806 means the module could not be found. Abend 306 may mean that a controlled environment was present and the module to be loaded was not program controlled.

Severity

8

C2R955I ***program task heap* STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Severity

16

C2R964I **Member name required for writes to PDS(E) data set *dsn***

Explanation

This message indicates that a member name is required, but not specified, for the indicated data set.

Severity

16

C2R965I **Member *mem* can only be used with PDS(E); not for *dsn***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the data set with the indicated *dsn*. The program will issue user abend 965.

C2R966I **Cannot use member *mem* on terminal file *ddname***

Explanation

This message indicates that a member name (*mem*) was specified, but not allowed, for the terminal output file with the indicated *ddname*. The program will issue user abend 966.

C2R967I **RECFM=F invalid for LRECL=X,RECFM=VBS preferred data set *dsname***

Explanation

This message indicates that a fixed record format was specified but not allowed for the output file with the indicated *ddname.* This is not supported for the indicated data set. The program will issue user abend 967.

C2R968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2R969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

8

C2R970I ***program task heap* FREE STORAGE ERROR: *message***

Explanation

This message indicates an internal memory management error. It is followed by a user abend 16. The message identifies the heap as well as the program and task that created the heap. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2R972I **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

C2R973I **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2R974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2R975I **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2R976I **Code or enablement for *product* product or feature is missing**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2R976I **IBM Security *product or feature* disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2R977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product status RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG for products that are installed. The return code is for IFAEDSTA, which is documented in *MVS Programming: Product Registration*. No continuation line is shown if querying product registration does not apply (for example, because of C2R979I).

Severity

0

C2R978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx. in your z/OS PARMLIB.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

0

C2R979I **Product code *code* implied by other**

Explanation

This message is issued for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

If you are using the IBM Security zSecure Manager for RACF z/VM product, you should not get this message. See the IBM Support Community for

possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

0

C2R992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

4

C2R995I **LRECL invalid; not overruled because partitioned data set**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned Data Sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abnormal ends (abends) can be caused by the invalid record length.

C2R996I **MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

4

C2R997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2R998I **STACK OVERFLOW FOR STACK *tasklevel stackname* IN *program***

Explanation

This message indicates an internal stack error. It is followed by a user abend 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2R999I **STORAGE SHORTAGE FOR TASK *taskname* HEAP *heapname* IN *program* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. It is followed by a user abend 16. If the heap name is LOWHEAP or SYSSTACK, then the request is for storage below the 16MB line. If the name is MAINHEAP, then the request is for storage anywhere.

Severity

16

C2R7001 **Missing XML data dictionary**

Explanation

The XSLT stylesheet could not generate output because the data dictionary is missing. Specify option XML_DATADICT in your CARLa.

C2R8001 **Invalid parameter. Only UPDATE and CHECK are allowed**

Explanation

The update Rexx C2REUPDR was called with an invalid parameter. Only UPDATE and CHECK are accepted.

Severity

12

C2R8002 **Listalc failed rc=*listalc_rc***

Explanation

Rexx C2REUPDR issues a TSO LISTALC STATUS command to obtain the allocated DDs. This command failed. Check the job log for TSO LISTALC error messages.

Severity

12

C2R8003 **No DD names starting with @ found**

Explanation

Rexx C2REUPDR updates all allocated DDs starting with an @. This message indicates no such DD has been specified. Review your JCL.

Severity

12

C2R8004 **Error reading DD *ddname* EXECIO RC=*execiorc***

Explanation

Rexx C2REUPDR uses the TSO EXECIO service to read the parameter files. This service reported an error. Check the job log for TSO EXECIO error messages.

Severity

12

C2R8005 **Double quotes found in CKRZUPDI. This is not supported Parameter name is : *name* Parameter value is : *value***

Explanation

The value *value* of parameter *name* contains double quotes. This is not supported. Remove double quotes or use single quotes for this parameter in member CKRZUPDI.

Severity

12

C2R8006 **No members edited: user and default setting are equal**

Explanation

No differences were found between the defaults and the values specified in member CKRZUPDI. Review member CKRZUPDI.

Severity

12

C2R8007 **The following variables are unsupported: *variable_list***

Explanation

One or more parameters specified in member CKRZUPDI are not supported. Review member CKRZUPDI.

Severity

12

C2R8008 ***name* parameter value exceeds maximum length of *length***

Explanation

The value specified for parameter *name* in member CKRZUPDI exceeds the maximum length allowed.

Severity

12

C2R8009 **Processing DD=*ddname dsname***

Explanation

Rexx C2REUPDR is updating data set *dsname* allocated to DD *ddname*

Severity

0

C2R8010 **LMINIT for DD*ddname* failed. RC=*lminit_rc***

Explanation

The ISPF service LMINIT failed for DD *ddname* with return code *lminit_rc*. See the IBM ISPF services manual for LMINIT return codes.

Severity

12

C2R8011 **LMOPEN of library *dsname* failed. RC=*lmopen_rc***

Explanation

The ISPF service LMOPEN failed for library *dsname* with return code *lmopen_rc*. See the IBM ISPF services manual for LMOPEN return codes.

Severity

12

C2R8012 **LMMLIST of library *dsname* failed. RC=*lmmlist_rc***

Explanation

The ISPF service LMMLIST failed for library *dsname* with return code *lmmlist_rc*. See the IBM ISPF services manual for LMMLIST return codes.

Severity

12

C2R8013 ***member* Member not eligible for update**

Explanation

Member *member* is not eligible for update. For example, the update Rexx execs themselves are excluded.

Severity

0

C2R8014 ***member* Member edit ended in error RC=*edit_rc* Member not updated**

Explanation

The update of member *member* failed with return code *edit_rc* Review the update job's log for the failing edit command.

Severity

8

C2R8015 **No members updated because no matches found**

Explanation

No members were updated because none of the change strings specified in member CKRZUPDI were found.

Severity

4

C2R8016 **Member allocated to DD *ddname* is empty**

Explanation

Parameter member CKRZUPDI allocated to DD *ddname* is empty.

Severity

12

C2R8017 ***member* One or more comment lines could not be updated. Member processed anyway.**

Explanation

One or more comment lines in member *member* could not be updated. Review the update job's log for the failing edit command. Processing continues.

Severity

4

C2R8018 **No members updated because all change commands failed**

Explanation

All change commands failed. Review the update job's log for the failing edit commands.

Severity

12

C2R8019 **Invalid maximum length *length* specified for parameter *parameter***

Explanation

Review the parameter definition for *parameter* in member CKRZUPD.

Severity

12

C2R8020 ***member*** **Member updated.**

Explanation

The member was updated.

Severity

0

C2R8021 ***member*** **Member not updated because PARM=CHECK.**

Explanation

The member was not updated because PARM=CHECK was specified.

Severity

0

C2R8022 **Parameter *parameter* specified twice in *member***

Explanation

Parameter *parameter* has been specified twice in member *member* Review the indicated member.

Severity

12

C2R8023 **Last jobcard parameter *statement* ends with a continuation comma**

Explanation

The last jobcard statements should not end with a comma.

Severity

12

C2R8024 **No continuation comma found for jobcard statement *statement***

Explanation

All jobcard statements except for the last one should end with a continuation comma.

Severity

12

C2R8025 ***parameter*** **parameter value *value* smaller then minimum length of *length***

Explanation

The value specified does not have the minimum length required.

Severity

12

C2R8026 ***parameter*** **parameter value *value* should be one of: *list***

Explanation

The value specified should be one of the values of *list*

Severity

12

C2R8027 ***parameter*** **parameter value *value* should be numeric.**

Explanation

The value specified should be numeric.

Severity

12

C2R8028 ***parameter*** **parameter value *value* should be a valid name**

Explanation

The value specified should be a valid name, following the rules of data set member names.

Severity

12

C2R8029 ***parameter*** **parameter value *value* should be a valid data set name.**

Explanation

The value specified should be a valid data set name.

Severity

12

C2R8030 ***parameter*** **parameter value *value* should end with a dot.**

Explanation

The value specified should end with a dot.

Severity

12

C2R8031 ***parameter*** **parameter value** ***value*** **should have string** ***pict***

Explanation

The characters in the specified value should match the corresponding character types indicated in the *pict* string.

Severity

12

C2R8032 **SMPETargetZone may not be equal to SMPEDistributionZone**

Explanation

The values of SMPETargetZone and SMPEDistributionZone may not be equal.

Severity

12

C2R8034 **PrefixForSmpeGlobalZone may not be equal to PrefixForSmpeOtherData**

Explanation

The values of PrefixForSmpeGlobalZone and PrefixForSmpeOtherData may not be equal.

Severity

12

C2R8035 **Parameter** ***parameter*** **does not start with an alphabetic**

Explanation

Parameter *parameter* should start with an alphabetic.

Severity

12

C2R8036 **Invalid VER string:** ***string***

Explanation

An invalid string is passed to the ISPF VER service. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

12

C2R8037 **Added required trailing dot to** ***value***

Explanation

Some parameters, for example, PrefixForInstallMedia, need a trailing dot to prevent JCL errors. When no trailing dot is specified, the customization REXX exec adds one.

Severity

0

C2R8038 **Allocation of data set** ***dsname*** **failed with rc=***rc*

Explanation

The TSO ALLOCATE for data set *dsname* failed with return code *rc*. Refer to the TSO/E Command Reference for more information about the ALLOCATE return codes, and examine the job log for additional messages. For data set characteristics, you can examine SCKRSAMP REXX exec C2REUPDR procedure allocSHPfiles.

Severity

rc

C2R8039 ***dsname*** **allocated**

Explanation

Data set dsname has been allocated successfully.

Severity

0

C2R8040 ***dsname*** **not allocated as it already exists**

Explanation

Data set dsname has not been allocated because it already exists.

Severity

4

C2R8041 ***dsname*** **will be allocated when PARM=UPDATE**

Explanation

Data set *dsname* will be allocated when job CKRZUPDZ is submitted with PARM=UPDATE.

Severity

0

C2R8042 ***dsname*** **already exists so will not be allocated when PARM=UPDATE**

Explanation

Data set *dsname* will not be allocated when job CKRZUPDZ is submitted with PARM=UPDATE as it already exists.

Severity

4

C2R8043 ***parameter*** **parameter value** ***value*** **should end with a slash.**

Explanation:
Directory values should end with '/'.

Severity

12

C2R8044 ***parameter*** **parameter value** ***value*** **should start with a slash.**

Explanation:
Directory values should start with '/'.

Severity

12

Chapter 12. C2RU messages

The C2RU-prefixed messages have unique numbers to refer to the source of the error and the location in the notification program of zSecure Visual. Therefore, the same kind of message can have different numbers to indicate the sources of the errors and locations.

Note: C2RU messages were labeled as U messages in previous releases of zSecure Visual.

C2RU100 **CKGRACF version *old version* encountered. This client has been developed for CKGRACF version *version*.**

Explanation

If you use this product with an older version of CKGRACF, you should not rely on data that has been retrieved with the CKGRACF program. Do not make any changes to the database using this version of the product, after this message appears.

C2RU101 **The maximum length of a password is 8 characters, new password invalid.**

Explanation

The length of a password on RACF is limited to 8 characters.

C2RU102 **New passwords typed are not equal, please retype.**

Explanation

To prevent misspelling of passwords, you must type all new passwords twice.

C2RU103 **The maximum length of a password is 8 characters.**

Explanation

The length of a password on RACF is limited to 8 characters.

C2RU104 **Type port *portnumber* of server *server*(version *version*) equals type port *portnumber* of server *server*(version *version*).**

Explanation

Communication between the mainframe software, client software, and client interface is through TCP sockets that are characterized by ports. The local port is used to communicate from the mainframe to the client software. The UI port is used to communicate between the client interface application and the client communication software. By default the local port number is equal to the server port number. The UI port always defaults to the local port number + 1. When the server ports of different servers are equal or do not differ enough, the default port numbers may overlap. You have to specify an alternative local port number for at least one of the servers, or ensure that you never connect to both servers during one Windows session. To specify an alternative local port number, use the **Local port** field, which is described in the “Adding and editing a server definition” section of the *IBM Security zSecure Visual: Client Manual*.

C2RU105 **Are you sure you want to create configuration files for other Windows clients now?**

Explanation

This message is displayed to prevent users from creating configuration files instead of changing their own configuration. For additional information, see the “Automated Setup and Configuration” section in the *IBM Security zSecure Visual: Client Manual*.

C2RU106 **No groups are in your scope.**

Explanation

All groups are out of your scope. The grouptree remains empty, except for SYS1 that is always present.

C2RU107 **Group *group* does not exist, or is not in your scope.**

Explanation

The group could not be found, because it does not exist or you do not have enough authorizations to display it.

C2RU108 **In zSecure Visual characters ' and " are not allowed in the *fieldname* field.**

Explanation

Fields are passed to the mainframe on a command line. This command line uses quotes to indicate the

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bounds of a field. To prevent misinterpretation of the command line, you cannot enter quotes in certain fields. However, fields containing quotes are correctly displayed.

C2RU109 **No matching users found.**

Explanation

The users you requested to load were not found. The users do not exist, or exist but are out of your administrative scope.

C2RU110 **No matching groups found.**

Explanation

The groups you requested to load were not found. The groups do not exist, or exist but are out of your administrative scope.

C2RU111 **New password required.**

Explanation

You cannot set the new password to a blank value.

C2RU112 **Maximum length of new password is 8 characters.**

Explanation

On RACF passwords are limited to 8 characters.

C2RU113 **Passwords typed are not equal, please retype.**

Explanation

To prevent misspelling of passwords you have to type all new passwords twice.

C2RU114 **The revoke status of user *userid* will no longer be defined by the schedules. Currently the user is revoked, do you want to resume *userid* now?**

Explanation

Schedules are used to determine the revoke status of the user. After deleting all past scheduled actions, the revoke status will no longer be determined by the schedules. Before the deletion the user was revoked and could not logon. To clear the revoke status of the user choose **Yes** to resume.

C2RU115 **Invalid dates, end date should be after start date.**

Explanation

When you do not want to use an end-date, check the **Forever** check box.

C2RU116 **Userid required.**

Explanation

You did not enter the user ID of the new connect.

C2RU117 **Group required.**

Explanation

You did not enter the group of the new connect.

C2RU120 **Do you want to exit zSecure Visual?**

Explanation

Choose **Yes** to exit, or **No** to stay in the program. To prevent this dialog in the future, choose **No** and go to the options dialog, described in the “Setting options” section in the *IBM Security zSecure Visual: Client Manual*, and clear the **Confirm Exit** check box.

C2RU122 **Userid *userid* is not defined to RACF or it does not have an OMVS segment defined.**

Explanation

There are two cases in which this error occurs. The first is if the user ID is not known to RACF. Check the spelling of the user ID. The second is if an existing user does not have an OMVS segment and there is no default OMVS user. Contact your mainframe system administrator if you continue to receive this message.

C2RU123 **Your password has expired, you must enter a new password.**

Explanation

You are forced by RACF to change your password, because your current password is too old. See the “Logging on” section in the *IBM Security zSecure Visual: Client Manual*.

C2RU124 **New password invalid.**

Explanation

RACF cannot accept the new password because it occurs in the password history of the user, or it does not comply with the password rules. Specify another password.

C2RU125 **Password invalid.**

Explanation

Logon failed because the password is not valid.

C2RU126 **Server name contains invalid characters.**

Explanation

All characters must be valid filename characters, because a subdirectory with the name of the server will be created.

C2RU127 **Name for server required.**

Explanation

Each server must have a unique name that cannot be blank.

C2RU128 **Server name is already in use.**

Explanation

Each server must have a unique name.

C2RU129 **The *property* cannot be copied.**

Explanation

This message is displayed when you move, copy, or merge connects using drag-drop, and the resulting connect needs to have properties that you are not authorized to specify. Choose **Cancel** to cancel the operation, or choose **OK** to continue with default values for those properties.

C2RU130 **The maximum length of a userid is 8 characters.**

Explanation

For RACF the maximum length of a user ID is 8 characters.

C2RU131 **Userid *userid* is revoked.**

Explanation

The user ID you tried to logon with has been revoked. The user ID must be resumed before it can be used again.

C2RU134 **The maximum length of a GroupID is 8 characters**

Explanation

In RACF the maximum length of a group ID is 8 characters.

C2RU135 **Group *group* has not been deleted, because there are still dataset profiles with the GroupID as HLQ in the RACF database.**

Explanation

You cannot delete a group if there are still dataset profiles with the group ID as HLQ in the RACF database. After you remove the data set profiles, you can delete the group. You cannot use zSecure Visual to manage the data set profiles.

C2RU136 **No matching resources found**

Explanation

The resource profiles you requested to load were not found. Check the exact, filter or mask option, the search string and the advanced fields.

C2RU137 **Profiles of class *class* are not cached, so a refresh cannot be done for this class.**

Explanation

When you refresh, you update cached profiles to reflect changes that you made to the database. You cannot refresh the indicated class because its profiles are not cached. Changes to the database are reflected immediately.

C2RU138 **Unknown class *class***

Explanation

The specified resource class is not defined on the server.

C2RU139 **Adding profiles in class *class* is not supported by zSecure Visual.**

Explanation

Modification of profiles in the following classes is not supported: DIGTCERT, DIGTCRIT, DIGTNMAP, DIGTRING, GMBR, KERBLINK, NDSLINK, NMBR, NOTELINK, PMBR, PTKTDATA, PTKTVAL, ROLE, UNIXMAP. This is either because modifications requires use of special commands or privileges, or the profiles in the class are updated automatically by a certain program.

C2RU140 **Changes made to Access List of *class profile* will be ignored.**

Explanation

You made changes to the Access List of the indicated profile, but did not commit the changes. Select **OK** to ignore the changes or press Cancel to go back.

C2RU141 **Changes made to member list of *class profile* will be ignored.**

Explanation

You made changes to the member list of the indicated profile, but did not commit the changes. Press **OK** to ignore the changes, or press **Cancel** to go back.

C2RU142 **Owner required.**

Explanation

Every resource profile needs an owner.

C2RU143 **Duplicating profiles in class *class* is not supported by zSecure Visual.**

Explanation

Modification of profiles in the following classes is not supported: DIGTCERT, DIGTCRIT, DIGTNMAP, DIGTRING, GMBR, KERBLINK, NDSLINK, NMBR, NOTELINK, PMBR, PTKTDATA, PTKTVAL, ROLE, UNIXMAP. This is either because modification requires use of special commands or privileges, or the profiles in the class are updated automatically by certain programs.

C2RU144 **No matching segments found.**

Explanation

There are no segments that match the profile.

C2RU145 **No properties found.**

Explanation

You tried to open the properties window of the segment you selected but there are no properties.

C2RU146 **More than one profile found; cannot show properties. Show list instead?**

Explanation

If a segment belongs to more than one profile, zSecure Visual cannot show you the properties of all of them. It can show you the profile list, where you can access the properties.

C2RU147 **No segments found.**

Explanation

This profile does not have any segments.

C2RU148 **Delete *name* segment?**

Explanation

You are trying to delete the named segment. Are you sure you want to delete the segment?

C2RU148 **Delete value '*field-value*' from field '*field-name*'?**

Explanation:
You are trying to delete the repeated field that you selected. Are you sure that you want to delete this repeated field?

User response:
To delete the selected repeated field, click the **OK** button. To undo the deletion, click the **Cancel** button instead.

C2RU149 **No segments to add.**

Explanation

You attempted to add a segment, but that is not possible.

C2RU150 **Profiles of class *class* are not cached or not global, so a refresh cannot be done for this class.**

Explanation

With a refresh you update cached profiles to reflect changes you made to the database. There are two reasons why the indicated class cannot be refreshed: it is either not cached or it is not global. Try again without the [Refresh Global class] checkbox marked. If the refresh fails again the class was not cached. Changes to the database are reflected immediately.

C2RU151 **No options available**

Explanation

You tried to activate an option but no options are available. For example, some segments do not permit viewing or editing in the current release.

C2RU152 **Cannot show segment *segment*, command format not supported or no displayable fields present.**

Explanation

Some segments need a different command format or contain encrypted data only. Such segments cannot be viewed in this release.

C2RU153 **User ID *userID* has no mapping information.**

Explanation

The user ID that you tried to view does not have any mapping information.

C2RU154 **No mapping information found.**

Explanation

The resource profile that you tried to view does not have any mapping information.

C2RU155 **Your changes have not been saved. Do you want to close the window without saving?**

Explanation

You have changed a field value of a segment using the **Edit** window. If you close the **Edit** window or press the **ESC** key, your changes will not be saved. Select **Yes** to close the **Edit** window without saving or **No** to return to the **Edit** window. To save your changes, press either the **ENTER** key or the **TAB** key on the **Edit** window.

C2RU156 **There is no active server, only local system services available.**

Explanation

The zSecure Server is not active; consequently, multi-system services are not available. You can continue using the visual client with the local system.

User response

To connect successfully to a zSecure Visual server, the Visual server and zSecure Server must be running on the same system.

C2RU157 **To use zSecure multi-system services requires version 1.12 or higher of [CKRCARLA | CKGRACF]. Only local system services are available.**

Explanation

If you select the **Use zSecure Server for multi-system services** option when you configure the zSecure client, prior to connecting to the target zSecure Server, the program checks to ensure that the software is the correct version. If either CKRCARLA or CKGRACF is not version 1.12 or later, this message is displayed after you logon and attempt to connect to a zSecure Server.

Note: CKGRACF is tested first, then CKRCARLA is tested. If both programs are not the correct versions, only CKGRACF is included in the message.

C2RU158 **No nodes selected to search on.**

Explanation

This message is displayed if you are operating in multi-system mode but you did not select a node to search on. **OK** is disabled until you select at least one node.

User response

Select a node to search on or exit and restart the client in local mode if you do not want to operate in multi-system mode.

C2RU159 **There is a problem with the active server, will continue using only local system services.**

Explanation

This message is displayed if you are operating in multi-system mode and the request for zSecure nodes fails to return a list of available nodes.

C2RU160 **No matching connections.**

Explanation

No connections were found for the selected resource. The connections do not exist, or exist but are out of your administrative scope.

C2RU161 **Show Connections not valid for *.**

Explanation

You cannot specify the asterisk (*) as a filter character to view a list of connections for the selected item.

C2RU162 **Show Permits not valid for *.**

Explanation

You cannot specify the asterisk (*) as a filter character to view a list of permits for the selected item.

C2RU163 **When searching for an exact match in the search field you cannot also specify values in the site-specific fields.**

Explanation

Do not specify values in the site-specific user data fields if you select **Exact** to search for an exact match to the specified string in the search field.

C2RU164 **Factor Name required.**

Explanation:
An MFA Factor name is required in order to add the Factor data to a user profile.

C2RU165 **Policy Name required.**

Explanation:
An MFA policy name is required in order to add the policy name to a user profile.

C2RU166 **Invalid Factor Name.**

Explanation:
Factor Name must be 1 - 20 characters.

C2RU167 **Invalid Tag.**

Explanation:
Tag must be specified in the format *tagname:tagvalue* where *tagname* can be 1 to 20 characters and *tagvalue* can be 1 to 1024 characters.

C2RU168 **Invalid Policy Name.**

Explanation:
Policy Name must be 1 - 20 characters.

C2RU169 **User is protected, No factors present.**

Explanation:
MFA information cannot be assigned to a protected user.

C2RU170 **User is protected, No policy present.**

Explanation:
MFA information cannot be assigned to a protected user.

C2RU171 **Factor count exceeded.**

Explanation:
User is limited to maximum of 10 factors.

C2RU172 **Policy count exceeded.**

Explanation:
User is limited to maximum of 10 policies.

C2RU173 **Press the Apply button to save the *segment-name* segment changes**

Explanation:
You want to switch to another segment but the current segment has unsaved changes.

User response:
Press the **Apply** button to save all changes of the current segment. Then you can switch to another segment.

C2RU173 **Edit the `Empty` value of the repeated field '*field-name*' and then press the Apply button**

Explanation:
You want to switch to **Edit/add another field** but the repeated field that you just added to the segment has the value `Empty`.

User response:
Edit the `Empty` value of the repeated field that was added to the segment and press the **Apply** button to save all changes of the current field. Then you can switch to another field in the current segment.

C2RU173 **Press the Apply button to save changes of the repeated field '*field-name*'**

Explanation:
You want to switch to **Edit/add another field** but the repeated field that you just added to the segment has has unsaved changes.

User response:
Press the **Apply** button to save all changes of the repeated field that was added and edited. Then you can switch to another field in the current segment.

C2RU173 **Press the Apply button to save changes of field '*field-name*'**

Explanation:
You want to edit the value of field *field-name* before applying the change of the SSKEY, SSKEY_KEYLABEL, or PTKEYLAB field in the **Segments of KEYSMSTR *resource profile*** or **Segments of PTKTDATA *resource profile*** dialog.

User response:
Press the **Apply** button to save all changes of the field that was edited.

C2RU174 **No segments available in the dialog.**

Explanation:
You pressed the **Segment info** button on the right pane of the Segment Detail window to get information about a specific segment. However, there are no segments available in the Segments of *class profile* dialog.

C2RU175 **The Help function cannot launch because Java Runtime Environment (JRE) is not installed:**
1. Install Java Runtime Environment (JRE)
2. Set JAVA_HOME environment variable on your system as follows: JAVA_HOME = *path_to_jre_folder*
3. Reboot your computer.

Explanation

You are trying to launch the Help function but the Java Runtime Environment (JRE) is not installed on your computer.

User response:
Press OK and install JRE. See section "Prerequisites for installation" in the *zSecure Visual Client Manual*.

C2RU175 **The Help function cannot launch because the JAVA_HOME environment variable is not set correctly:**
Correctly define the JAVA_HOME environment variable on your system: JAVA_HOME = *path_to_jre_folder*
2. Reboot your computer.

Explanation

You are trying to launch the Help function but the JAVA_HOME environment variable is not set correctly on your computer.

User response:
Press OK and define the JAVA_HOME environment variable. See section "Prerequisites for installation" in the *zSecure Visual Client Manual*.

C2RU176 **SSIGNON segment is not add to *classname profilename***

Explanation:
You are trying to launch **KEYSMSTR key value** or **PTKTDATA key value** dialog but the SSIGNON segment is not added to the resource profile.

User response:
Open the **Segments of classname resourcename** dialog and add the SSIGNON segment to the resource profile.

C2RU177 **Key Label required**

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but the Key label.. edit box is empty.

User response:
Enter a value in the Key label.. edit box.

C2RU177 **Key Label should start with an alphabetic character or a national character (#, @, or $)**

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but the value of key label does not start with an alphabetic character or a national character (#, @, or $) in the Key label.. edit box.

User response:
Fix the first character in the of the value in the Key label.. edit box.

C2RU177 **Key Label exceeds 64 characters**

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but the value of key label exceeds 64 characters in the Key label.. edit box.

User response:
Fix the value in the Key label.. edit box.

C2RU177 **Subsequent characters of the Key Label can be a period (.), alphanumeric or national character**

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but subsequent characters of the Key Label in the Key label.. edit box includes other characters than a period (.), alphanumeric or national character.

User response:
Fix the value in the Key label.. edit box.

C2RU178 **Key value required**

Explanation:

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but the Key value.. edit box is empty.

User response:
Enter a value in the Key value.. edit box.

C2RU178 ***Selectedmethod*(KEYMASKED/KEYENCRYPTED) data must be 16 hexadecimal characters**

Explanation:

Explanation:
You clicked OK on the **KEYSMSTR key value** or **PTKTDATA key value** dialog but the length or the type of characters in the Key value.. edit box is not 16 hexadecimal characters.

User response:
Fix the value in the Key value.. edit box.

C2RU999 **Error *nn*: *description*.**

Explanation

This error indicates an unexpected condition. If you have any idea about the conditions under which this happens, report this to your distributor

or see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Chapter 13. C2RW messages

This chapter lists the messages that can be produced when an IBM Security zSecure Visual server is starting up or when it is signaled to stop. The messages are sent to the system log and to the about-server.log file of the server's log directory.

C2RW001I **Starting zSecure Visual server with root *root directory***

Explanation

The server with root *root directory* is starting up.

C2RW002I **Started zSecure Visual server with root *root directory***

Explanation

The server has started up. As soon as it is ready to accept client connections, the server sends a C2RW016 message to the system log.

C2RW003I **Established zSecure Visual server with root *root directory***

Explanation

The server has started up after a (re)configuration. As soon as it is ready to accept client connections, the server sends a C2RW016 message to the system log.

C2RW004I **The zSecure Visual server has not been set up yet**

Explanation

The server must be configured before it will run.

C2RW005I **Server preparation incomplete; make sure that job step C2RSPREP in the server-start JCL ended correctly**

Explanation

The server could not find certain files which should have been provided by the C2RSPREP step of the server-start JCL.

C2RW006I **Cannot access program *program***

Explanation

Because program *program* cannot be accessed, the server has stopped.

C2RW007I **Severe program error encountered; see *error message file***

Explanation

Program *program* led to a severe error. The error message can be found in *error message file*. Because of the error, the server has stopped.

C2RW008I **Program *program* is not marked program controlled**

Explanation

Because program *program* is not marked program controlled, the server has stopped.

C2RW009I **The software directory should reside in a SECURITY mounted file system**

Explanation

Because the server software directory does not lie in a SECURITY mounted file system, the server has stopped.

C2RW010I **The port port/tcp zSecure Visual server is running already**

Explanation

Only one instance of an zSecure Visual server at a time can use port *port/tcp*.

C2RW011I **The *port1*/tcp IBM Security zSecure Visual server is unable to open port *port2*/tcp**

Explanation

Because it cannot open port *port2*/tcp for communication with clients, the server stopped. Possible causes for the inability to open *port2*/tcp are:

- Mismatching job name in a PORT or PORTRANGE statement
- SAF protection of the port

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- Occupation of the port by another process, for example, another Visual server process that is already running.

For information about PORT(RANGE) statements and SAF resources that pertain to the Visual server, see "TCP/IP Security" in the *Installation and Deployment Guide*.

C2RW012I **Invalid use of the script *script*. The script should be called from the server-start JCL**

Explanation

The script *script* expected other parameters. The script should have been called from the server-start JCL.

C2RW013I **The certificate database is empty**

Explanation

The server cannot find the certificates that it needs and has stopped. The most likely cause is that server initialization, job C2RZWINI, was not run successfully.

User response:
Stop the server, run or rerun job C2RZWINI, and verify that the server successfully initializes as a Certificate Authority. See "First time startup of the Server" in *IBM Security zSecure CARLa-Driven Components Installation and Deployment Guide*.

C2RW014I **No port *port*/tcp zSecure Visual server was active**

Explanation

No port/tcp server could be stopped because no such server was active.

C2RW015I **SIGTERM sent to process *pid* of the port *port*/tcp zSecure Visual server**

Explanation

The *port*/tcp server has been signaled to stop.

C2RW016I **The port *port*/tcp zSecure Visual server is ready to accept connections**

Explanation

zSecure Visual clients can now connect to the port *port*/tcp server.

C2RW017I **Program CKGRACF does not run APF**

Explanation

Because CKGRACF does not run APF, the server cannot use the CKGRACF features it needs. Therefore, the server has stopped.

C2RW018I **The resource class for zSecure security checks cannot be determined**

Explanation

The CKRSITE module does not contain a valid security class. A valid class is required to determine the access of users to various resources. For information about the CKRSITE module, see "Appendix A. The Site module' in the *Installation and Deployment Guide*.

Chapter 14. C2X messages

C2XACTV is the zSecure RACF Exit Activator program. It provides dynamic exit support for some RACF exits. The main purpose of the C2XACTV program is to install the exits required by various zSecure products including:

- IBM Security zSecure Admin and Audit
- IBM Security zSecure Alert

This chapter describes the C2X messages issued by the C2XACTV component. These messages have a message prefix in the form C2X*nnn*I, C2X*nnnn*I, or C2X*nnnn*E where *nnn* or *nnnn* is the message number. Some of these messages contain an explicit numeric severity level. In the message, this severity level is shown between the message prefix and the message text. The general meaning of the zSecure severity codes is as follows:

00
Normal message, giving status or summary information, or a message indicating a decision taken.

04
A general warning.

08
Error condition.

12
Syntax error in command input.

16
Entitlement problem.

20
Unsupported condition found, for instance, in the security database.

24
Internal error or other unexpected and unsupported condition detected.

Most messages do not have an explicit numeric severity level shown, but use the last character of the message suffix as a severity indicator. The general meaning of these severity indicators is as follows:

I
Informational message.

W
Warning message. The program continues, but an error occurred.

E
Error message. The program might end immediately, or might attempt to continue.

S
Severe error message. The program cannot continue.

A
Action message. Operator action is needed to correct the situation.

C2X009I Licensed to *site-specific identification string* Runs on *where* CPU-id *cpu-id*

Explanation

This message shows the site-specific identification string, CPU-id, and relevant product numbers and names.

If you are using the IBM Security zSecure Manager for RACF z/VM product, you should not get this message. If you get the message from z/VM, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

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Severity

0

C2X0101I **No existing *Exitname* exit routine, add**

Explanation

This progress message is issued when no previous exit routine exists for the RACF exit *exitname*.

C2X0102E **Task is not APF authorized, exit**

Explanation

The C2XACTV program needs APF authorization to perform its functions. The current program was not APF authorized. Check the library is APF authorized, and that the module has been linked with AC=1.

C2X0103E **No matching RACF profile for *class resource***

C2X0103E **Insufficient RACF access to *class resource***

Explanation

You have insufficient access to the profile *resource* in the *class* resource class. UPDATE access to *resource* is required to activate, refresh, deactivate or recover storage for RACF exits. Execution is terminated. *Resource* is C2X.*common-exit-name*, with *common-exit-name* for instance being ICHPWX02.

C2X0104I ***Exitname* exit router already activated, reuse**

Explanation

This progress message is issued if a previous exit routine exists for the RACF exit point specified in *exitname*. The exit routine was recognized as being identical to the one installed by C2XACTV. The ACTIVATE function continues to rebuild the exit environment and to verify that all information is correct.

C2X0105I **Found other *Exitname* exit routine, insert**

Explanation

This progress message is issued when a previous exit routine exists for the RACF exit point *exitname* The exit routine was detected to be different from the one that would be installed by C2XACTV. The current version of the Dynamic Exit Support Routine will replace the current exit routine. The current exit routine will be called as Main Functional Exit Routine.

C2X0106E **Exit router cannot be removed**

Explanation

A DEACTIVATE request was attempted, but the DEACTIVATE function cannot run. This message is followed by one or more C2X0137I messages that show the reason for this failure. Processing continues with the removal of the zSecure functional exit routines (subexits), as indicated by message C2X0150I.

C2X0107E **Internal error, exit**

Explanation

An internal consistency problem was found. The dynamic exit points are defined, but the Dynamic Exit Support Routine was not installed. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0108I **Could not locate module *modname* in system library, try STEPLIB**

Explanation

This progress message indicates that the specified module could not be loaded from any system library. Processing continues with the loading of the module from STEPLIB.

C2X0109E **Could not add exit routine for existing exit**

Explanation

After the detection of an existing RACF exit, the attempt to define the exit module as the Main Functional Exit Routine failed.

C2X0111I **Loaded module *modname* from LINKLIST into LPA**

Explanation

This progress message indicates that a new copy of the exit module was added to the PLPA storage area.

C2X0112E **Could not locate module *modname***

Explanation

This error message indicates that a required module could not be loaded from STEPLIB.

C2X0113E **Invalid method specified, exit**

Explanation

The specified method to invoke the Functional Exit routines is not supported. Processing stopped.

C2X0114I **Direct call not supported for exit *exitname*; ignored**

Explanation

The input command specified that the DIRECT call invocation method must be used for exit *exitname*. The DIRECT call method is not supported for this exit. The request to use the DIRECT call method is ignored and the default exit invocation method is used instead.

C2X0115I **Exit router has been demoted: *exitname***

Explanation

During an ACTIVATE request, C2XACTV found that exit *exitname* had already been installed, but that the RCVT no longer directly points to the zSecure exit router module. Probably another product has modified the RCVT and installed its own version of the RACF exit since the last ACTIVATE of *exitname*.

C2X0116I **Using *mode* mode for exit *exitname***

Explanation

This message indicates the type of exit router that is used for *exitname*. Possible values for *mode* are CSVDYNEX, DIRECT, and FASTSTORE:

CSVDNYNEX
z/OS dynamic exit services are used to invoke the subexits.

DIRECT
The exit router issues a direct branch to the subexits without z/OS dynamic exit services.

FASTSTORE
The exit router code and the exit functional routine are combined into a single module. The FASTSTORE module also uses a different storage allocation interface.

C2X0117E **Exit still active, deactivate first**

Explanation

A RECOVER request was requested, but the exit is currently still active in the system. RECOVER processing will not recover storage for modules that may still be used by the system. DEACTIVATE the exit routine before attempting the RECOVER function again.

C2X0118I **Added module modname to exit *exitname***

Explanation

This progress message is issued to report that the exit module was successfully associated with the given exit point. This message is issued if the module was pre loaded into PLPA.

C2X0119I **FORCE mode, continue**

Explanation

This informational message is issued in continuation of message C2X0117E if the RECOVER function was started with the FORCE option. The FORCE option requires additional authorization. Use extreme caution when specifying the FORCE option. Incorrect use of the FORCE option might result in an ABEND for each subsequent RACF event related to the exit point for which the RECOVER FORCE function is used. For example, if you use RECOVER FORCE for the exit named ICHRFX04, subsequent FASTAUTH requests might fail.

C2X0121E **Could not locate Module/Exit for *modname exitname***

Explanation

During a DEACTIVATE of an exit point, it was detected that the exit point was not defined or that no module was associated with the exit point. Execution continues.

C2X0122E **Could not undefine *exitname***

Explanation

An unexpected error occurred during the removal of an exit point.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Ensure that the *retcode* value is included in the report.

C2X0124I **Removed module *modname* from exit *exitname***

Explanation

This progress message indicates successful removal of the exit point and its associated module. This message applies to the additional exit routines added during ACTIVATE processing.

C2X0125I **Undefined exit point *exitname***

Explanation

This progress message indicates that the exit points for exit *exitname* were removed from the system. The associated exit routines are no longer used.

C2X0126I **Removed copy of module *modname* from LPA**

Explanation

This progress message will be issued for every old (unused) copy of module modname that was found in the LPA. If multiple copies of modname are present, this message may be issued multiple times. The current (active) copy of the module may also be removed as indicated by message C2X0129I.

C2X0127E **Error during setup TSO environment, RC=*retcode***

Explanation

An unexpected error occurred during initialization.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Ensure that the *retcode* value is included in the report.

C2X0128E **Could not define exit point *exitname***

Explanation

This error message will be issued if an error occurred during the definition of exit point *exitname*. Create an error report with the program return code and see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0129I **Removed copy of module *modname* from LPA**

Explanation

This progress message will be issued for the current (active) copy of module *modname* that was found in the LPA. Old (unused) copies of the module may also be removed as indicated by message C2X0126I.

C2X0130I **Defined exit point *exitname***

Explanation

This progress message will be issued to indicate that the exit point *exitname* has been created successfully.

C2X0131E **Capture PASSWORD change via SMF failed**

Explanation

This error message will be issued to the system console if an unexpected error occurred during the creation of an SMF record. This error should not occur.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0132E **C2XPRINT output file missing, exit**

Explanation

The C2XPRINT output file is required. However, it is absent from the JCL. Check your JCL for typing errors.

C2X0133I **C2XIN input file not found, processing complete**

Explanation

The C2XIN input file is not present in the JCL. This might be intentional if you used a parm to specify the input to C2XACTV. You may suppress this informational message by allocating the C2XIN input file to DUMMY.

C2X0136I **Destroyed NT for *exitname***

Explanation

This progress message is issued at the end of DEACTIVATE processing and at the start of RECOVER FORCE processing. It indicates that the named token (NT) used to record information about exit *exitname* was removed. No information about the exit status is retained.

C2X0137I ***Diagnostic_information***

Explanation

This message is a continuation of message C2X0106E. One or more C2X0137I messages are issued to provide diagnostic information to determine the reason why the exit router module could not be removed. Possible values for *Diagnostic_information* are:

Named token not found
The named token needed to determine the exit status was not found.

Exit pointer in RCV_ is *address*
This message shows the pointer in the RACF control block that is pointing to the exit router module.

Pointer to our code is *address*
This message shows the location of the exit router code as saved in the named token.

Exit pointer in RCV_ was *address*
This message shows the original value of the exit routine at the moment the exit was activated using ACTIVATE.

Eyecatcher is *text*
This message shows the text part found in storage that identifies the exit router module.

Expected value is *text*
This message shows the expected value of the eyecatcher in the exit router module.

C2X0138E Error during NT delete, RC=*retcode*

Explanation

This situation should not occur.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0139I Defined *exitname* as "alias" of *module_name*

Explanation

This message shows that name *exitname* was added as a dynamic LPA module that points to module *module_name*. This action ensures that the location of the exit matches the value in the RACF control blocks.

C2X0140E Cannot open C2XPRINT output file, exit

Explanation

The C2XPRINT output file is required. An error occurred when opening the file. Ensure that C2XPRINT is allocated to a VB file with a minimum LRECL of 255 bytes.

C2X0141E Cannot open C2XIN

Explanation

An error occurred during OPEN of the C2XIN file. Ensure that the C2XIN file is allocated to a Fixed Blocked file with an LRECL of 80.

C2X0142I End of C2XIN file

Explanation

This informational message is issued to indicate that the end of the C2XIN file has been reached, and that no additional commands will be processed.

C2X0143E Could not close C2XIN

Explanation

An unexpected error occurred during CLOSE of the C2XIN input file.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0144E Invalid parameter, see SYSTSPRT, Parse-RC=*retcode*

Explanation

An invalid parameter or keyword was encountered as part of the DYNEXIT command. Check the SYSTSPRT for detailed error messages, and check the PARM or C2XIN file for valid command syntax.

C2X0145E Command not recognized

Explanation

The command in the PARM or C2XIN input file is not recognized.

C2X0146E Command not recognized, scancode=*code*

Explanation

The command passed via PARM or in C2XIN does not have valid syntax. Check the PARM or C2XIN input file for typing errors.

C2X0147I Input: *input command*

Explanation

This message shows the *input command* as specified on the invocation PARM or in file C2XIN.

C2X0148I *Exitname* exit routine found, refresh

Explanation

This progress message is issued when a previous exit routine exists for the RACF exit *exitname*. The existing exit routine is the Dynamic Exit Support Routine previously installed by C2XACTV. The dynamic exit modules and the Support Routine will be refreshed.

C2X0149E ***Exitname* not installed, cannot refresh, exit**

Explanation

This error message is issued when a previous exit routine exists for the RACF exit *exitname*. However, this routine is not the Dynamic Exit Support Routine previously installed by C2XACTV. The REFRESH operation is not possible.

C2X0150I **Remove sub-exits**

Explanation

This informational message indicates that only the functional subexits were removed. It is issued if a DEACTIVATE of the exit router is not possible. The original RACF exit present during the last ACTIVATE is retained as main functional exit. The zSecure functional exits are no longer used as functional subexits.

C2X0151E **Task is not APF authorized, exit**

Explanation

The C2XPWX01 exit routine is currently not invoked in authorized state (APF, Key<8 or supervisor state). It cannot perform its function without authorization. Execution is terminated.

C2X0152E **Could not define exit point *exitname***

Explanation

This error message will be issued if an error occurred during the definition of exit point exitname.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0153E **Failure during call to exit *exitname***

Explanation

This error message will be issued if an error occurred during the call of the routines associated with exit point exitname.

C2X0154E **Abend during *exitname*, abend code *abendcode***

Explanation

An abend occurred during the execution of the routines associated with exit point exitname. These exit routines are called at the beginning of exit processing. The abend code is abendcode. Inspect the system log for additional messages related to this abend, and report the problem to the supplier of the exit routine.

C2X0155I **Return code zero assumed**

Explanation

This message is a continuation of message C2X0154E. Although the exit module ended abnormally (abended), it is assumed that the intended return code from the module would have been zero, allowing the password change to continue.

C2X0156E **Abend during *exitname*, abend code *abendcode***

Explanation

An abend occurred during the execution of the routine associated with exit point *exitname*. This exit routine is usually the one already active before dynamic activation of the exit point. The abend code is *abendcode*. Inspect the system log for additional messages related to this abend, and report the problem to the supplier of the exit routine.

C2X0157I **Return code zero assumed**

Explanation

This message is a continuation of message C2X0156E. Although the exit module ended abnormally (abended), it is assumed that the intended return code from the module would have been zero, allowing the password change to continue.

C2X0158E **Could not define exit point *exitname***

Explanation

This error message will be issued if an error occurred during the definition of exit point *exitname*.

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0159E **Failure during call to exit *exitname***

Explanation

This error message will be issued if an error occurred during the call of the routines associated with exit point exitname.

C2X0160E **Abend during *exitname*, abend code *abendcode***

Explanation

An abend occurred during the execution of the routines associated with exit point *exitname*. These exit routines are called at the end of exit processing. The abend code is *abendcode*. Inspect the system log for additional messages related to this abend, and report the problem to the supplier of the exit routine.

C2X0161I **Return code unchanged**

Explanation

This message is a continuation of message C2X0160E. Although the exit module ended abnormally (abended), it is assumed that the intended return code from the module would left the existing return code unchanged, accepting the return code from the pre- and main-exit routines.

C2X0162E **RCVT not found, exit**

Explanation

A required RACF system control block could not be found. The program cannot continue. This message may occur on non-RACF systems. In contrast to most terminating error messages, the program will terminate with RC=4.

C2X0163E **No RACF RCVT found, exit**

Explanation

A required RACF system control block did not contain required RACF identification. The program cannot continue. This message may occur on non-RACF systems. In contrast to most terminating error messages, the program will terminate with RC=4.

C2X0164E **RCVX not found, exit**

Explanation

A required RACF system control block could not be found. The program cannot continue. This message may occur on non-RACF systems. In contrast to most terminating error messages, the program will terminate with RC=4.

C2X0165E **No RACF RCVX found, exit**

Explanation

A required RACF system control block did not contain required RACF identification. The program cannot continue. This message may occur on non-RACF systems. In contrast to most terminating error messages, the program will terminate with RC=4.

C2X0166E **Could not define exit point *exitname***

Explanation

This error message will be issued if an error occurred during the definition of exit point *exitname*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C2X0167E **Failure during call to exit *exitname***

Explanation

This error message will be issued if an error occurred during the call of the routines associated with exit point *exitname*.

C2X0168E **No exitname specified, exit**

Explanation

The request to manage a dynamic exit did not specify which exit should be activated, deactivated or refreshed. The request cannot be executed.

C2X0169I **Error defining *exitname* as "alias" of *module_name* , RC=*retcode***

Explanation

The *exitname* name could not be added as a dynamic LPA module that points to the *module_name* module. Because this action failed, certain auditing programs like DSMON might report an error.

C2X0171I **DEACTIVATE *exitname* requested**

Explanation

This progress message is issued to indicate that a DEACTIVATE request for exit *exitname* was received, and is about to be processed.

C2X0172I **ACTIVATE *exitname* requested**

Explanation

This progress message is issued to indicate that an ACTIVATE request for exit *exitname* was received, and is about to be processed.

C2X0173I **RECOVER *exitname* requested**

Explanation

This progress message is issued to indicate that a RECOVER request for exit *exitname* was received, and is about to be processed.

C2X0174I **REFRESH *Exitname* requested**

Explanation

This progress message is issued to indicate that a REFRESH request for exit *exitname* was received, and is about to be processed.

C2X0175I **Could not remove alias *exitname* from LPA**

Explanation

As part of the ACTIVATE process, an alias is defined for *exitname* to point to the dynamically installed exit router module. During DEACTIVATE processing, this alias pointer is removed. This message indicates that deleting the alias failed.

C2X0176I **Could not remove module *module_name* from LPA**

Explanation

As part of the DEACTIVATE process, several modules are removed from the dynamic LPA. This message indicates that this step failed for the indicated module.

C2X0177I **Updated NT for *exitname***

Explanation

This progress message indicates that the existing name token for *exitname* was updated to reflect the current status and location of the exit modules.

C2X0178I **End of recover for *exitname***

Explanation

This progress message is issued at the end of RECOVER processing to indicate that processing for exit *exitname* has completed.

C2X0181I **Return code from CSVDYLPA ADD for *modname*. RC=*retcode-reascode***

Explanation

This message is issued when a call to the dynamic LPA service routine fails. The service routine could not ADD the module *modname*. The return and reason code are included in the message text. The most common return and reason code combination is 4-401, which indicates that the module *modname* could not be found. In most situations, the program recovers by locating the module *modname* in another library. In that case, this message is followed by messages C2X0137I and C2X014I. If recovery fails, this message is followed by message C2X0115E.

C2X0182I **Return code from CSVDYLPA ADD for*modname*. RC=*retcode-reascode***

Explanation

This message is issued when a call to the dynamic LPA service routine fails. The service routine could not ADD the alias name *modname* to a previously added LPA module. The return and reason code are included in the message text. Processing continues, but other system components might report inconsistencies for module *modname*.

C2X0183I **Return code from CSVDYLPA DELETE OLDEST for*modname*. RC=*retcode-reascode***

Explanation

This message is issued when a call to the dynamic LPA service routine fails. The service routine could not DELETE the OLDEST version of module *modname* from the LPA. The return code and reason code are included in the message text. The most common return and reason code combination is 4-401, which indicates that the module *modname* is not present in the LPA, or that only a single copy (the CURRENT version) is present. During a DYNEXIT RECOVER command, this message is issued when all OLDEST versions of *modname* have been removed.

C2X0184I **Return code from CSVDYLPA DELETE CURRENT for*modname*. RC=*retcode-reascode***

Explanation

This message is issued when a call to the dynamic LPA service routine fails. The service routine could not DELETE the CURRENT version of module *modname* from the LPA. The return code and reason code are included in the message text. The most common return and reason code combination is 4-401, which indicates that the module *modname* is not present in the LPA. During a DYNEXIT RECOVER command,

this message is issued when all CURRENT versions of *modname* have been removed.

C2X0185I **Use existing *module_name* from LPA**

Explanation

The zSecure exit activator tries to use existing modules that are already present in storage. This informational message indicates that the required *module_name* module was found to be present in LPA and does not need to be loaded and added to the dynamic LPA.

C2X0186I **Removed references to sub-exits**

Explanation

This message is issued as part of DEACTIVATE processing to indicate that the functional subexit routines are no longer used.

C2X0187E **Error using module *module_name* from LPA, exit**

Explanation

The adding of module *module_name* from the active LPA to be used as a functional subexit failed. The ACTIVATE process stopped.

C2X0188I **Removed alias module *exitname* from LPA**

Explanation

As part of the ACTIVATE process, an alias is defined for *exitname* to point to the dynamically installed exit router module. During DEACTIVATE processing, this alias pointer is removed. This message indicates that deleting the alias was successful.

C2X0190I **Replaced *exitname* pointer in RCV_**

Explanation

This progress message indicates that the pointer to exit *exitname* in the RACF control blocks is updated with the current entrypoint of the exit routine.

C2X0191I **Reset exitname pointer in RCV_**

Explanation

This progress message indicates that the pointer to exit *exitname* in the RACF control blocks is reset to its value from before the first execution of the ACTIVATE function.

C2X0197E **Internal error, exit**

Explanation

This situation should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2X0198E **Could not update RCV_**

Explanation

This error message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2X0199E **Could not update RCV_**

Explanation

This error message represents an internal error. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C2X795I **Unsupported call type**

Explanation

This message indicates a mismatch in an internal API. Verify the zSecure RACF Exit Activator was installed successfully.

Severity

16

C2X796I **Internal version mismatch**

Explanation

This message indicates a mismatch in an internal API. Verify the zSecure RACF Exit Activator was installed successfully.

Severity

16

C2X797I **Internal length mismatch**

Explanation

This message indicates a mismatch in an internal API. Verify the zSecure RACF Exit Activator was installed successfully.

Severity

16

C2X798I **RACF exit activator enabled, using SAF class *class***

Explanation

This message indicates that the zSecure RACF Exit Activator has been enabled and that it uses SAF class *class* for functionality checks.

Severity

0

C2X799I **zSecure RACF Exit Activator requires a product code ADMINRACF, AUDITRACF, or ALERTRACF**

Explanation

The zSecure RACF Exit Activator software prequisites were not installed or disabled in IFAPRDxx. One of the indicated features of the IBM Security zSecure products must be present.

Severity

16

C2X874I **RECFM=V(BS) RDW *hex* exceeds LRECL=*lrecl* at record *n ddname volser dsname***

Explanation

This message indicates invalid record contents for a RECFM=V(B)(S) data set. The record descriptor word does not match the DCB parameters. The Record Descriptor Word (RDW) is shown in hexadecimal. The first 2 bytes are the record length including the RDW. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2X875I **RECFM=V(BS) BDW *hex* exceeds BLKSIZE=*blksize* at record *n ddname volser dsname***

Explanation

This message indicates invalid block contents for a RECFM=V(B)(S) data set. The block descriptor word does not match the DCB parameters. The Block Descriptor Word (BDW) is shown in hexadecimal. The first 2 bytes are the block length including the BDW, unless the high order bit is on, in which case it can be a large block 4 byte length. This is handled as an end-of-file condition. The severity is 4 to avoid disrupting processes that might encounter empty data sets and need to continue.

User response

Recreate the data set or omit the data set from the input.

Severity

04

C2X915I **UNIX write record *nn* failed RC *nn* [*meaning*] reason *qqqq rrrrx* [*meaning*] file *ddname path***

Explanation

This message indicates that a BPX1WRV call failed with the indicated return code in decimal and the reason code split into reason code qualifier *qqqq* and reason code *rrrr*, both in hexadecimal. For well-known return codes and reason codes the numeric values are followed by an explanatory string. Use the IBM Unix System Services manual to look up other return and reason codes.

Severity

16

C2X919I **Record with negative length *length* directed to *ddname* behind record *recno***

Explanation

An invalid record was passed to the output routine. An empty record has been written instead. See the IBM Support Community for possible maintenance associated with this message. If you cannot find

applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

24

C2X924I **DD *ddname* DSN *dsn* invalid block size: *blksize***

Explanation

After ddname has successfully been OPENed, its DCB must indicate a positive block size unless ddname is a DUMMY device.

Severity

16

C2X925I **Member *member* DDname *ddname* DSname *dsn* Problem description**

Explanation

The program received a non-zero return code from the FIND SVC when trying to locate the indicated member. The problem description on the second line gives the exact nature of the problem.

Severity

16

C2X942I **Environment mismatch for product code *code***

Explanation

This message indicates that while code for the product code identified was installed, it is not running in its proper environment. For instance, some product codes are limited to UNIX tasks under z/OS, some to non-UNIX tasks under z/OS, and some to z/VM.

Severity

0

C2X948I **Enablement information corrupt for product code *code***

Explanation

This message shows a problem with product installation or entitlement.

User response

Contact your system programmer to verify successful installation.

Severity

16

C2X949I **Product code *code* installed and non-APF registration limit exceeded**

Explanation

This message is issued for products that are installed but cannot be registered because the MVS limit for product registration by non-APF programs has been exceeded.

Severity

0

C2X950I **Code not installed here for product code *code***

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here.

Severity

16

C2X955I **STORAGE REQUEST ERROR: SIZE NOT POSITIVE**

Explanation

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2X968I **IFAEDDRG failed RC *nn* decimal**

Explanation

This message indicates that an attempt to register a previously registered product failed.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2X969I **I/O error for *dsn*: *description***

Explanation

This message indicates that an I/O error occurred during normal QSAM or BSAM input processing for *dsn*. Operation will be continued, but an abend or other error message may follow because of the information missing due to the I/O error.

Severity

8

C2X970I **FREE STORAGE ERROR: *description***

Explanation

This message indicates an internal memory management error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2X972I **Enablement information missing for *product***

Explanation

This message indicates that the product cannot run because the load module is not complete.

User response

Contact your system programmer to complete installation of the product.

Severity

16

C2X973I **IBM Security product code *code* disabled or not installed**

Explanation

This indicates that you are attempting to run functionality for a product that is not installed here, or it is disabled for this system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2X974I **IBM Security *product* disabled or not installed here for requested focus**

Explanation

Either the product is not installed here, or the requested focus is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2X975I **IBM Security *product* disabled or not installed**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2X976I **Code or enablement for *product* product or feature disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2X976I **IBM Security *product* product or feature disabled or not installed here**

Explanation

Either the product is not installed here, or it is disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name.

User response

Check active IFAPRDxx members in your z/OS PARMLIB. If these are specified correctly, contact your system programmer to verify installation.

Severity

16

C2X977I **Installed PRODUCT OWNER('IBM CORP') ID(*id*) NAME('*name*') FEATURE('*feature*') VER(*version*) REL(*release*) MOD(*modification*) [Product status RC *rc* decimal]**

Explanation

This message is issued in response to DEBUG for products that are installed. The return code is for IFAEDSTA, which is documented in *MVS Programming: Product Registration*. No continuation line is shown if querying product registration does not apply (for example, because of C2X979I).

Severity

0

C2X978I **Product code *code* has been disabled in PARMLIB**

Explanation

This message is issued for products that have been disabled for the current system name, sysplex name, LPAR name, VM user ID, or hardware name by an entry in IFAPRDxx in your z/OS PARMLIB.

If you are using the IBM Security zSecure Manager for RACF z/VM product, you should not get this message. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

User response

Run the product somewhere else, or ask your system programmer for enablement.

Severity

0

C2X979I **Product code *code* implied by other**

Explanation

This message is issued for products that are not being registered because their entitlement is implied by a more encompassing entitlement.

Severity

0

C2X992I **ABNEXIT/STXIT/ESTAE return code *rc***

Explanation

This message indicates that the program failed to establish an abend exit linkage.

Severity

4

C2X993I **DIAGNOSTIC DUMP SUPPRESSED FOR ABEND *xxx***

Explanation

This message indicates that the program abend exit did not attempt to make a diagnostic summary dump.

This is done to prevent recursive abend conditions involving the print file.

C2X994I **Last record truncated by end-of-file *ddname***

Explanation

This message indicates that end-of-file was reached for a RECFM=VBS input file in the middle of a multi-segment record.

Severity

16

C2X995I **LRECL invalid; not overruled because partitioned data set**

Explanation

This message indicates that the print file open routine detected an invalid record length for the output file. This would have been overruled with a correct length for a Physical Sequential data set, but this is not done for Partitioned Data Sets to prevent making any existing PDS members inaccessible. Subsequent 013 or 002 abends may be caused by the invalid record length.

C2X996I **MFREE: NO LENGTH FOUND IN BLOCK FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

4

C2X997I **STACK ERROR - ELEMENT POPPED IS NOT ON TOP OF STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2X998I **STACK OVERFLOW FOR STACK *name***

Explanation

This message indicates an internal stack error. It will be followed by a user ABEND 16. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity

16

C2X999I **GETMAIN FAILED FOR HEAP *name* - INCREASE REGION**

Explanation

This message indicates that the program needs more storage. It will be followed by a user ABEND 16. If the heap name is LOWHEAP or SYSSTACK, then the request is for storage below the 16MB line. If the name is MAINHEAP, then the request is for storage anywhere.

Severity

16

Chapter 15. C4R messages

This chapter lists the messages that can be issued by zSecure Command Verifier. Each message has a prefix in the form of C4R*nnn*X, where *nnn* is the message number and *X* is a severity indicator. Note that in the context of IBM Security zSecure Admin or IBM Security zSecure Visual, some of C4R error messages can be issued by CKGRACF. The general meaning of these severity indicators is as follows:

I
Informational message.

W
Warning message. The program continues, but an error occurred.

E
Error message. The program might end immediately, or might attempt to continue.

S
Severe error message. The program cannot continue.

C4R messages from 0 to 399

C4R000I **Unknown message.**

Explanation

This is an internal error. A non existing message number was passed to the message routine.

Module

C4RMSG

C4R001 ... C4R099 **Reserved for future use**

Explanation

These error message are reserved for future use in zSecure Command Verifier.

C4R100 ... C4R199 **Reserved for use by user profile related Command Verifier exit routines.**

Explanation

These error message are reserved for use by the user profile related zSecure Command Verifier exit routines (C4RXUSR).

C4R200 ... C4R299 **Reserved for use by group profile related Command Verifier exit routines.**

Explanation

These error message are reserved for use by the group profile related zSecure Command Verifier exit routines (C4RXGRP).

C4R300 ... C4R399 **Reserved for use by resource profile related Command Verifier exit routines.**

Explanation

These error message are reserved for use by the resource profile related zSecure Command Verifier exit routines (C4RXRES).

C4R messages from 400 to 499

C4R400W **No ticket identifier set**

Explanation:
The terminal user has READ access to the `C4R.command.=CKXLOG` resource, but has not issued a CKXLOGID command to set a ticket identification.

User response:
Either issue a CKXLOGID command to set ticket information, or contact your system administrator to verify correct access to the =CKXLOG resources.

Administrator response:

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Verify that terminal users have correct access to the =CKXLOG resources. Avoid logging the RACF command to the command log by ensuring that they do not have READ access or higher to the appropriate =CKXLOG resource, or suppress the warning message by ensuring that they have at least UPDATE to the appropriate =CKXLOG resource.

C4R401E Writing command log record failed

Explanation:
This warning message is issued when the terminal user has at least READ access to the C4R.command.=CKXLOG resource and writing the command log record failed.

User response:
Contact your system administrator to investigate the reason for this error.

C4R402W CKXLOG started task not active

Explanation:
The terminal user has READ access to the C4R.command.=CKXLOG resource, but the CKXLOG started task is not active.

User response:
Contact your system administrator to verify correct access to the =CKXLOG resources, and to verify that the CKXLOG started task is active.

Administrator response:
Verify that terminal users have correct access to the =CKXLOG resources. Avoid logging the RACF command to the command log by ensuring that they do not have READ access or higher to the appropriate =CKXLOG resource, or suppress the warning message by ensuring that they have at least UPDATE to the appropriate =CKXLOG resource. If logging is required, verify that the CKXLOG started task is active.

C4R410E Userid *userid* not allowed in naming conventions, command terminated

Explanation

This error message is issued if the =RACUID(*n*) value matched, but the terminal user has access NONE.

C4R411E Userid *userid* not allowed in naming conventions, command terminated

Explanation

This error message is issued if the =RACGPID(*n*) value matched, but the terminal user has access NONE.

C4R412E Userid *userid* not allowed in naming conventions, command terminated

Explanation

This error message is issued if the USERID value matched, but the terminal user has access NONE.

C4R413E Not allowed to set PWFALLBACK for user *userid*, command terminated

Explanation

The terminal user is not authorized to specify PWFALLBACK for the indicated *userid*.

C4R414E Not allowed to set NOPWFALLBACK for user *userid*, command terminated

Explanation

The terminal user is not authorized to specify NOFALLBACK for the indicated *userid*.

C4R415E Not allowed to manage factor *factor-name* for user *userid*, command terminated

Explanation

The terminal user is not authorized to add, change, or remove factor *factor-name* for the indicated *userid*.

C4R416E Not allowed to change active status of factor *factor-name*, command terminated

Explanation

The terminal user is not authorized to change the active or inactive status of factor *factor-name*.

C4R417E Not allowed to change tag *tag-name* of factor *factor-name*, command terminated

Explanation

The terminal user is not authorized to change the tag value for tag *tag-name* of factor *factor-name*.

C4R418E Not allowed to remove tag *tag-name* of factor *factor-name*, command terminated

Explanation

The terminal user is not authorized to remove the tag *tag-name* for factor *factor-name*.

C4R419E **Not allowed to remove all tags of factor *factor-name*, command terminated**

Explanation

The terminal user is not authorized to remove all tags for factor *factor-name*.

C4R420E **Userid *userid* may not be deleted, command terminated**

Explanation

This error message is issued if the USERID value matched, but the terminal user has access NONE.

C4R421E **Userid *userid* may not be deleted, command terminated**

Explanation

This error message is issued if the USERID value matched, the terminal user has access READ, but does not have the System-SPECIAL attribute.

C4R422E **Not allowed to manage policy *policy-name* for user *userid*, command terminated**

Explanation

The terminal user is not authorized to add or remove the policy *policy-name* in the list of MFA policies for user *userid*. The user profile is not changed.

C4R423E **Not allowed to set tokentimeout for MFADEF profile *profile-name*, command terminated**

Explanation

The terminal user is not authorized to set or reset the TOKENTIMEOUT value in MFADEF profile *profile-name*. The MFA policy profile is not changed.

C4R424E **Not allowed to set reuse value for MFADEF profile *profile-name*, command terminated**

Explanation

The terminal user is not authorized to set the REUSE attribute in MFADEF profile *profile-name*. The MFA policy profile is not changed.

C4R425E **Not allowed to manage factor *factor-name* for MFADEF profile *profile-name*, command terminated**

Explanation

The terminal user is not authorized to add or remove factor *factor-name* in the list of factors for MFA policy *profile-name*. The MFA policy profile is not changed.

C4R430E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Mandatory Value policy profile specified that the DFLTGRP should be the same as the OWNER of the terminal user.

C4R431E **Use of default value for DFLTGRP not allowed, command terminated**

Explanation

This error message is issued if the terminal user does not have sufficient access to the matching /DFLTGRP profile.

C4R432E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Default value policy specified that the DFLTGRP should be the same as the OWNER of the terminal user.

C4R440E **Use of DFLTGRP(*dfltgrp*) not allowed, command terminated**

Explanation

This error message is issued if the =RACUID(*n*) value matched, but the terminal user has access NONE.

C4R441E **Use of DFLTGRP(*dfltgrp*) not allowed, command terminated**

Explanation

This error message is issued if the =RACGPID(*n*) value matched, but the terminal user has access NONE.

C4R442E **Use of DFLTGRP(*dfltgrp*) not allowed, command terminated**

Explanation

This error message is issued if the =USERID(*n*) value matched, but the terminal user has access NONE.

C4R443E **Use of DFLTGRP(*dfltgrp*) not allowed, command terminated**

Explanation

This error message is issued if the DFLTGRP.USERID value matched, but the terminal user has access NONE.

C4R444E **DFLTGRP *dfltgrp* is outside your scope, command terminated**

Explanation

The /SCOPE policy prevented usage of a DFLTGRP that is not within the scope of the terminal user.

C4R445E **Use of SUPGROUP *supgroup* not allowed, command terminated**

Explanation

This error message is issued if the =RACUID(*n*) value matched, but the terminal user has access NONE.

C4R446E **Use of SUPGROUP *supgroup* not allowed, command terminated**

Explanation

This error message is issued if the =RACGPID(*n*) value matched, but the terminal user has access NONE.

C4R447E **Use of SUPGROUP *supgroup* not allowed, command terminated**

Explanation

This error message is issued if the =GROUP(*n*) value matched, but the terminal user has access NONE.

C4R448E **Use of SUPGROUP *supgroup* not allowed, command terminated**

Explanation

This error message is issued if the SUPGRP.GROUP value matched, but the terminal user has access NONE.

C4R449E **SUPGROUP *supgroup* is outside your scope, command terminated**

Explanation

The /SCOPE policy prevented usage of a SUPGROUP that is not within the scope of the terminal user.

C4R450E **DFLTGRP must be same as OWNER, command terminated**

Explanation

The DFLTGRP./OWNER profile prevented assignment of a default GROUP that is different from the OWNER. If you encountered this message as a result of an ALTUSER command, change the OWNER and DFLTGRP in the same command.

C4R451E **OWNER must be same as DFLTGRP, command terminated**

Explanation

The OWNER./DFLTGRP profile prevented assignment of an OWNER that is different from the default GROUP. If you encountered this message as a result of an ALTUSER command, change the OWNER and DFLTGRP in the same command.

C4R452E **New OWNER *owner* is outside your scope, command terminated**

Explanation

The /SCOPE policy prevented usage of a OWNER that is not within the scope of the terminal user.

C4R453E **New OWNER *owner* is not a group, command terminated**

Explanation

The /GROUP policy prevented usage of a OWNER that is not an existing RACF GROUP.

C4R454E **Supgroup must be same as OWNER, command terminated**

Explanation

The SUPGROUP./OWNER profile prevented assignment of a SUPGROUP that is different from the OWNER. If you encountered this message as a result of an ALTGROUP command, change the OWNER and SUPGROUP in the same command.

C4R455E **OWNER must be same as Supgroup, command terminated**

Explanation

The OWNER./SUPGRP profile prevented assignment of an OWNER that is different from the superior

GROUP. If you encountered this message as a result of an ALTGROUP command, change the OWNER and SUPGROUP in the same command.

C4R460E **Owner and Dfltgrp refer to each other, command terminated**

Explanation

The mandatory value of the OWNER was specified to be obtained from the DFLTGRP value, while the mandatory or default value of the DFLTGRP should be obtained from the OWNER. This is a circular definition.

C4R461E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Mandatory Value policy profile specified that the OWNER should be the same as the OWNER of the terminal user.

C4R462E **Owner and Dfltgrp refer to each other, command terminated**

Explanation

The Default value of the OWNER was specified to be obtained from the DFLTGRP value, while the mandatory or default value of the DFLTGRP should be obtained from the OWNER. This is a circular definition.

C4R463E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Default value policy specified that the OWNER should be the same as the OWNER of the terminal user.

C4R464E **Use of default value for OWNER not allowed, command terminated**

Explanation

This error message is issued if terminal user does not have sufficient access to the matching /OWNER policy profile.

C4R470E **Use of OWNER(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =RACUID(*n*) value matched, but the terminal user has access NONE.

C4R471E **Use of OWNER(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =RACGPID(*n*) value matched, but the terminal user has access NONE.

C4R472E **Use of OWNER(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =USERID(*n*) value matched, but the terminal user has access NONE.

C4R473E **Use of OWNER(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the OWNER.USERID value matched, but the terminal user has access NONE.

C4R479E **Phrase management not allowed, command terminated**

Explanation

The terminal user is not authorized to change or set the PHRASE for this USERID.

C4R480E **Special attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the SPECIAL attribute to the USERID.

C4R481E **NoSpecial attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the SPECIAL attribute from the USERID.

C4R482E **Operations attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the OPERATIONS attribute to the USERID.

C4R483E **NoOperations attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the OPERATIONS attribute from the USERID.

C4R484E **Auditor attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the AUDITOR attribute to the USERID.

C4R485E **NoAuditor attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the AUDITOR attribute from the USERID.

C4R486E **Uaudit attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the UAUDIT attribute to the USERID.

C4R487E **NoUaudit attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the UAUDIT attribute from the USERID.

C4R488E **Restricted attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the RESTRICTED attribute to the USERID.

C4R489E **NoRestricted attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the RESTRICTED attribute from the USERID.

C4R490E **ADSP attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the ADSP attribute to the USERID.

C4R491E **NoADSP attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the ADSP attribute from the USERID.

C4R492E **GRPACC attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the GRPACC attribute to the USERID.

C4R493E **NoGRPACC attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the GRPACC attribute from the USERID.

C4R494E **Protected attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to use the NOPASSWORD keyword for this USERID.

C4R495E **Remove of Protected attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign a PASSWORD, and remove the PROTECTED status of this USERID.

C4R496E **Password management not allowed, command terminated**

Explanation

The terminal user is not authorized to change or set the PASSWORD for this USERID.

C4R497E **Password must be different from DFLTGRP, command terminated**

Explanation

The terminal user is not authorized to add USERIDs without specifying a value for the PASSWORD.

C4R498E **Password must be different from DFLTGRP, command terminated**

Explanation

The terminal user is not authorized to RESET a password for the USERID without specifying also a value for the PASSWORD.

C4R499E **Password may not contain the USERID, command terminated**

Explanation

The new value of the PASSWORD contains the USERID. This is not allowed according to the /USERID password policy.

C4R messages from 500 to 599

C4R500E **OIDcard attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to set the OIDCARD option for the USERID.

C4R501E **NoOIDcard attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the OIDCARD option from the USERID.

C4R502E **Revoke of user not allowed, command terminated**

Explanation

The terminal user is not authorized to REVOKE the USERID.

C4R503E **Resume of user not allowed, command terminated**

Explanation

The terminal user is not authorized to RESUME the USERID.

C4R504E **(No)Expired for password/phrase not allowed, command terminated**

Explanation

The terminal user is not authorized to specify the new password or phrase as non-expired.

C4R505W **Invalid password/phrase interval *value* in policy profile, SETROPTS value used**

Explanation

The mandatory password and phrase interval specified in the =PWINT profile is invalid. The system administrator should correct the value specified in the APPLDATA.

C4R506E **Password/phrase nointerval not allowed, command terminated**

Explanation

The terminal user is not authorized to set the password and phrase to one that never expires (NOINTERVAL).

C4R507E **Invalid password/phrase interval *int* in policy profile, all values accepted**

Explanation

The password and phrase interval specified in the PWINT policy profile is invalid. The system administrator should correct the value specified in the APPLDATA.

C4R508E **Password/phrase interval change not allowed, command terminated**

Explanation:
The terminal user is not authorized to change the password and phrase interval for the user.

C4R509E **Password/phrase interval too long, command terminated**

Explanation

The specified password and phrase interval is longer than the allowed maximum for the user.

C4R510E **Name change not allowed, command terminated**

Explanation

The terminal user is not authorized to change the NAME of the USERID via the ALTUSER command.

C4R511E **Name specification not allowed, command terminated**

Explanation

The terminal user is not authorized to specify an initial NAME for the USERID on the ADDUSER command.

C4R512E **Instdata setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify an initial value for the INSTDATA of the USERID on the ADDUSER command.

C4R513E **Instdata change not allowed, command terminated**

Explanation

The terminal user is not authorized to change the value of the INSTDATA of the USERID via the ALTUSER command.

C4R514E **Giving CLAuth(*clauth*) not allowed, command terminated**

Explanation

The terminal user is not authorized to give CLAUTH for the resource class to the USERID.

C4R515E **Removing CLAuth(*clauth*) not allowed, command terminated**

Explanation

The terminal user is not authorized to remove CLAUTH for the resource class from the USERID.

C4R516E **Seclabel setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify the SECLABEL for the USERID.

C4R517E **Seclabel removal not allowed, command terminated**

Explanation

The terminal user is not authorized to remove a SECLABEL from the USERID.

C4R518E **Giving category *category* not allowed, command terminated**

Explanation

The terminal user is not authorized to add category *category* to the USERID.

C4R519E **Removing category *category* not allowed, command terminated**

Explanation

The terminal user is not authorized to remove category *category* from the USERID.

C4R520E **Seclevel setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify the SECLEVEL for the USERID.

C4R521E **Seclevel removal not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the SECLEVEL from the USERID.

C4R522I **Random password assigned to user *userid***

Explanation

The default password policy profile specifies the value RANDOM for the new password. The terminal user has READ access to this profile; A random password is assigned to *userid*, but the terminal user is not informed of the value.

C4R523E **Model setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify a data set MODEL name for the USERID on the ADDUSER command

C4R524E **Model change not allowed, command terminated**

Explanation

The terminal user is not authorized to change the data set MODEL name for the USERID via the ALTUSER command.

C4R525E **When Logon change not allowed, command terminated**

Explanation

The terminal user is not authorized to specify the days of the week or hours of the day that the user may LOGON.

C4R526I **Random password *password* assigned to user *userid***

Explanation

The default password policy profile specifies the value RANDOM for the new password. The terminal user has UPDATE access to this profile; A random password is assigned to *userid*.

C4R527I **Invalid APPLDATA *appldata* in default password policy, ignored**

Explanation

The default password policy profile specifies an unrecognized APPLDATA value *appldata*. The APPLDATA value is ignored. Specify a supported value for the default password policy profile.

C4R528E **Use of FROM not allowed, command terminated**

Explanation

The use of the FROM keyword to specify a model for the new resource profile is not allowed.

C4R530E **NoTermuacc attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to specify that users using this GROUP as their current connect GROUP may only use those TERMINALs that are explicitly authorized.

C4R531E **Termuacc for group not allowed, command terminated**

Explanation

The terminal user is not authorized to specify for existing GROUPs that users using this GROUP as their current connect GROUP may use any terminal.

C4R532E **Creation of UNIVERSAL group not allowed, command terminated**

Explanation

The terminal user is not authorized to create Universal GROUPs. A Universal GROUP does not record all user IDs that are a member of the group, and therefore does not have the same limitation on the number of users connected.

C4R533E **Instdata setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify any INSTDATA on the ADDGROUP command.

C4R534E **Instdata change not allowed, command terminated**

Explanation

The terminal user is not authorized to modify any INSTDATA via the ALTGROUP command.

C4R535E **Model setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify a data set MODEL name for the GROUP on the ADDGROUP command.

C4R536E **Model change not allowed, command terminated**

Explanation

The terminal user is not authorized to modify a data set MODEL name for the GROUP via the ALTGROUP command.

C4R537E **INSTDATA(*nnn:mmm*) cannot be changed, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified that the existing value cannot be changed. The current command specifies a value that is different from the existing value of the indicated positions.

C4R538E **Revoke Date change not allowed, command terminated**

Explanation

The terminal user is not authorized to specify or remove a REVOKE date for the USERID.

C4R539E **Resume Date change not allowed, command terminated**

Explanation

The terminal user is not authorized to specify or remove a RESUME date for the USERID.

C4R540E **User *userid* may not be connected to like-named groups, command terminated**

Explanation

The policy profile for connection USERIDs to GROUPs that have the same first *n* characters prevents the terminal user from connecting the USERID to the GROUP.

C4R541E **User *userid* may not be connected to group *group*, command terminated**

Explanation

The specific connection between *userid* and *group* is not allowed.

C4R542E **User *userid* may not be removed from group *group*, command terminated**

Explanation

The specific connection between *userid* and *group* may not be removed.

C4R543E **CONNECT user *userid* is outside your scope, command terminated**

Explanation

The terminal user is not authorized to manipulate user-to-group connections for USERIDs outside their scope. This applies for users with Group-SPECIAL, users with CONNECT authorization in the GROUP, and users who are the OWNER of a GROUP. For this command, the scope is determined via Group-SPECIAL only.

C4R544E **CONNECT group *group* is outside your scope, command terminated**

Explanation

The terminal user is not authorized to manipulate user-to-group connections for GROUPs outside their scope. This applies for users with CONNECT authorization in the GROUP and users who are the OWNER of a GROUP. For this command, the scope is determined via Group-SPECIAL only.

C4R545E **CONNECT group *group* is a dataset group, command terminated**

Explanation

The policy profile for connect GROUP management does not allow connecting USERIDs to a GROUP for which data set profiles have been defined. This policy profile is intended to separate RACF GROUPs based on their type of usage.

C4R546E **Connect authorization *auth* not allowed, command terminated**

Explanation

The terminal user is not authorized to CONNECT USERIDs to this GROUP with *auth* authorization. This applies to new and existing CONNECTs.

C4R547E **UACC setting *uacc* not allowed, command terminated**

Explanation

The terminal user is not authorized to CONNECT USERIDs to this GROUP with a UACC setting of *uacc*. This applies to new and existing CONNECTs.

C4R548E **You may not connect yourself to GROUP *group*, command terminated**

Explanation

The terminal user is not authorized to create a CONNECT of her own user ID to group *group*.

C4R549E **You may not remove yourself from GROUP *group*, command terminated**

Explanation

The terminal user is not authorized to remove the connection of her own USERID to GROUP *group*.

C4R550E **NoGrpSpecial attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to remove the Group-SPECIAL attribute.

C4R551E **GrpSpecial attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to grant the Group-SPECIAL attribute.

C4R552E **NoGrpOperations attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to remove the Group-OPERATIONS attribute.

C4R553E **GrpOperations attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to grant the Group-OPERATIONS attribute.

C4R554E **NoGrpAuditor attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to remove the Group-AUDITOR attribute.

C4R555E **GrpAuditor attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to grant the Group-AUDITOR attribute.

C4R556E **NoADSP attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to remove the ADSP attribute.

C4R557E **ADSP attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to set the ADSP attribute.

C4R558E **NoGRPACC attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to remove the GRPACC attribute.

C4R559E **GRPACC attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to set the GRPACC attribute.

C4R560E **REVOKE attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to REVOKE the GROUP connection for this USERID.

C4R561E **RESUME attribute not allowed, command terminated**

Explanation

The terminal user does not have sufficient authorization to RESUME the GROUP connection for this USERID.

C4R562E **Not allowed to access *segname* segment, command terminated**

Explanation

The terminal user is not authorized to access the USER *segname* segments. Access READ to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R563E **Not allowed to modify *segname* segment, command terminated**

Explanation

The terminal user is not authorized to modify the USER *segname* segments. Access UPDATE to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R564E **Not allowed to access *segname* segment outside scope, command terminated**

Explanation

The terminal user is not authorized to access the *segname* segments of groups outside the scope of her Group-SPECIAL attribute. Access NONE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R565E **Not allowed to access *segname* segment outside scope, command terminated**

Explanation

The terminal user is not authorized to access the *segname* segments of users outside the scope of her Group-SPECIAL attribute. Access NONE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R566E **Not allowed to modify *segname* segment outside scope, command terminated**

Explanation

The terminal user is not authorized to modify the *segname* segments of groups outside the scope of her Group-SPECIAL attribute. Access lower than UPDATE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R567E **Not allowed to access *segname* segment outside scope, command terminated**

Explanation

The terminal user is not authorized to access the *segname* segments of resources outside the scope of her Group-SPECIAL attribute. Access NONE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R568E **Not allowed to modify *segname* segment outside your scope, command terminated**

Explanation

The terminal user is not authorized to modify the *segname* segments of resources outside the scope of her Group-SPECIAL attribute. Access lower than UPDATE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R569E **Not allowed to modify *segment* segment outside your scope, command terminated**

Explanation

The terminal user is not authorized to modify the *segname* segments of USERIDs outside the scope of her Group-SPECIAL attribute. Access lower than UPDATE to the /SCOPE profile prevents listing those segments, irrespective of the access level to the corresponding FIELD profiles.

C4R570E **Groupid *group* not allowed in naming conventions, command terminated**

Explanation

The GROUP naming convention policy profile for GROUPs whose first *n* characters are the same as that of the terminal user (=RACUID(*n*)) prevented creation of RACF GROUP *group*

C4R571E **Groupid *group* not allowed in naming conventions, command terminated**

Explanation

The GROUP naming convention policy profile for groups where the first n characters are the same as those of one of the groups of the terminal user (=RACGPID(*n*)) prevented creation of RACF GROUP *group*.

C4R572E **Groupid *group* not allowed in naming conventions, command terminated**

Explanation

The GROUP naming convention policy profile for GROUPs (based on the GROUP name itself) prevented creation of RACF GROUP *group*

C4R573E **Groupid *group* may not be deleted, command terminated**

Explanation

The GROUP naming convention policy profile for GROUPs (based on the GROUP name itself) prevented deletion of RACF GROUP *group* The terminal user did not have any access to the policy profile.

C4R574E **Groupid *group* may not be deleted, command terminated**

Explanation

The GROUP naming convention policy profile for GROUPs (based on the GROUP name itself) prevented deletion of RACF GROUP *group* The terminal user did not have any sufficient access to qualify for exemption to the policy.

C4R575E **Owner and Supgroup refer to each other, command terminated**

Explanation

Due to incorrect definitions of the policy profiles, the OWNER and SUPGROUP of the new RACF GROUP could not be determined. Mandatory Value policy profiles specify that the OWNER must be set identical to SUPGROUP, and vice versa. zSecure Command Verifier is not able to continue.

C4R576E **Could not find my own owner, command terminated**

Explanation

The Mandatory Value policy profile for the OWNER of the new GROUP specifies that it should be set to the OWNER of the terminal user. The OWNER of the terminal user could not be located as an existing USERID or GROUP in the RACF database. zSecure Command Verifier is not able to continue.

C4R577E **Owner and Supgroup refer to each other, command terminated**

Explanation

Due to incorrect definitions of the policy profiles, the OWNER and SUPGROUP of the new RACF GROUP could not be determined. Default value policy profiles specify that the OWNER must be set identical to SUPGROUP, and vice versa. zSecure Command Verifier is not able to continue.

C4R578E **Could not find my own owner, command terminated**

Explanation

The default value policy profile for the OWNER of the new GROUP specifies that it should be the same as the OWNER of the terminal user. The OWNER of the terminal user could not be located as an existing USERID or GROUP in the RACF database. zSecure Command Verifier is not able to continue.

C4R579E **Use of default value for OWNER not allowed, command terminated**

Explanation

The terminal user has insufficient access to the default value policy profile for the OWNER of the new GROUP. The terminal user is required to specify the correct value of the OWNER of the new RACF GROUP.

C4R580E **Use of *owner* not allowed, command terminated**

Explanation

The policy profile for the new OWNER matching the first *n* characters of the terminal user prevented the use of *owner* as the OWNER of the GROUP.

C4R581E **Use of *owner* not allowed, command terminated**

Explanation

The policy profile for the new owner matching the first *n* characters of the current connect GROUP of the terminal user prevented the use of *owner* as the OWNER of the GROUP.

C4R582E **Use of *owner* not allowed, command terminated**

Explanation

The policy profile for the new owner matching the first *n* characters of the GROUP itself prevented the use of *owner* as the OWNER of the GROUP.

C4R583E **Use of *owner* not allowed, command terminated**

Explanation

The policy profile for the new owner prevented the use of *owner* as the OWNER of the GROUP.

C4R584E **New OWNER *owner* is outside your scope, command terminated**

Explanation

You may only assign OWNERs to be USERIDs or GROUPs within the scope of your Group- SPECIAL.

C4R585E **New OWNER *owner* is not a group, command terminated**

Explanation

The policy profile for GROUP ownership specifies that only existing GROUPs may be specified as the OWNER.

C4R586E **Could not find my own owner, command terminated**

Explanation

The Mandatory Value policy profile for the SUPGROUP of the new GROUP specifies that it should be set to the OWNER of the terminal user. The OWNER of the terminal user could not be located as an existing USERID or GROUP in the RACF database. zSecure Command Verifier is not able to continue.

C4R587E **Could not find my own owner, command terminated**

Explanation

The default value policy profile for the SUPGROUP of the new GROUP specifies that it should be set to the OWNER of the terminal user. The OWNER of the terminal user could not be located as an existing USERID or GROUP in the RACF database. zSecure Command Verifier is not able to continue.

C4R588E **Use of default value for SUPGROUP not allowed, command terminated**

Explanation

The terminal user has insufficient access to the default value policy profile for the SUPGROUP of the new GROUP. The terminal user is required to specify the correct value of the SUPGROUP of the new RACF GROUP.

C4R589E **INSTDATA(xxxxxxxx format profile not valid, format ignored**

Explanation

The format specification profile is invalid. Most likely reason for this condition is an incorrect specification of the positions of the installation data field. *xxxxxxxx* indicates the erroneous position specification. The start and end position should both be specified as three decimal digits, for example, 001:010. The format specification profile, and all subsequent format specification profiles is ignored.

C4R590E **INSTDATA(xxxxxxxx format profile not valid, format ignored**

Explanation

The format specification profile is invalid. Most likely reason for this condition is an incorrect specification of the positions in the installation data field. *xxxxxxxx* indicates the erroneous position specification. The start and end position should both be specified as three decimal digits, for example, 001:010. The format specification profile and all subsequent format specification profiles are ignored.

C4R591E **INSTDATA(*nnn:mmm*) cannot be blank, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified that a value **must** be present. The current command implicitly or explicitly left the positions blank.

C4R592E **INSTDATA(*nnn:mmm*) contains non-*format* character, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specifies that only alphabetic, numeric, or alphanumeric characters can be used in these positions. The current command specified a disallowed character. For alphabetic format, the current command specified a character other than A-Z in at least one position. For numeric format, the current command specified a character other than 0-9 in at least one position. For alphanumeric format, the current command specified a character other than A-Z or 0-9 in at least one position.

C4R594E **INSTDATA(*nnn:mmm*) does not match picture format, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data contained a picture format. The current command contains at least one character that does not comply with the picture format. For example, a number is specified in a letter position, or a literal string does not match exactly.

C4R595E **INSTDATA(*nnn:mmm*) does not match any list-item, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified a list of allowable values. The current command specified a value that is not included in the list.

C4R596E **INSTDATA(*nnn:mmm*) matches not-allowed list-item, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified a list of forbidden values. The current command specified a value that is included in the list.

C4R597E **INSTDATA(*nnn:mmm*) is not a valid RACF USERID, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified the value =USERID to indicate that the positions must match an existing RACF USERID. The current command specified a value that does not correspond to a USERID (the specified value may be undefined, or an existing RACF GROUP).

C4R598E **INSTDATA(*nnn:mmm*) is not a valid RACF GROUP, command terminated**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data specified the value =GROUP to indicate that the positions must match an existing RACF GROUP. The current command specified a value that does not correspond to a GROUP (the specified value may be undefined, or an existing RACF USERID).

C4R599E **INSTDATA(*nnn:mmm*) contains invalid format, format ignored**

Explanation

The format specification for positions *nnn* till *mmm* of the installation data contains a specification that is not recognized. This can be caused by a missing comma or typing error. The part of the format specification preceding the error, may already have been processed. The remainder of the format specification is ignored.

C4R messages from 600 to 699

C4R600E **UACC *uacc* setting not allowed, command terminated**

Explanation

The terminal user has insufficient access to the policy profile for UACC *uacc*.

C4R601E **ACL setting *userid access* not allowed, command terminated**

Explanation

The terminal user has insufficient access to the policy profile to PERMIT the ID *userid* access *access* to the resource.

C4R602E **ACL entry *userid* is not a group, command terminated**

Explanation

The policy profiles specify that only GROUPs may be used in the access list of this resource. The entity specified is not an existing RACF GROUP.

C4R603E **User *userid* outside scope, command terminated**

Explanation

The policy profiles specify that you may only grant access to users and groups within the scope of your RACF Group-SPECIAL. The entity specified is outside your scope.

C4R604E **ACL reset *profile* not allowed, command terminated**

Explanation

The terminal user is not allowed to RESET the entire standard access list. She may still be able to delete individual access list entries.

C4R605E **Cond.ACL reset *profile* not allowed, command terminated**

Explanation

The terminal user is not allowed to RESET the entire conditional access list. She may still be able to delete individual access list entries.

C4R606E **When(*class*) not allowed, command terminated**

Explanation

The terminal user is not allowed to modify the conditional access list for conditional access via *class*.

C4R607E **ACL Setting for self to *access* not allowed, command terminated**

Explanation

The policy profile for access list management specifies that the terminal user is not allowed to add, change or remove herself in the access list.

This is controlled via the ACL.=RACUID profile for the *class* and *resource*

C4R608E **ACL Setting for own group to *access* not allowed, command terminated**

Explanation

The policy profile for access list management specifies that the terminal user is not allowed to add, change or remove any of her GROUPs in the access list.

C4R609E **Permit for data set group *group* not allowed, command terminated**

Explanation

The entry to be placed on the access list is a GROUP for which data set profiles have been defined. Placing such GROUPs on the access list is disallowed via profile C4R.*class.*ACL.=DSN.*group.resource*

C4R610E **Erase setting not allowed, command terminated**

Explanation

The terminal user is not authorized to modify the ERASE setting for the resource profile.

C4R611E **Warning mode not allowed, command terminated**

Explanation

The terminal user is not authorized to place the resource profile in WARNING mode.

C4R612E **NoWarning mode not allowed, command terminated**

Explanation

The terminal user is not authorized to remove WARNING mode from the resource profile.

C4R613E ***proftype* Profiles not allowed, command terminated**

Explanation

The terminal user is not authorized to create *proftype* resource profiles. This is most common for DISCRETE profiles.

C4R614E **RACF indicator management not allowed, command terminated**

Explanation

The terminal user may not use the NOSET or SETONLY keywords to manipulate RACF discrete profiles independently of the matching flagbits (in the Catalog, VTOC, etcetera).

C4R615E **Seclabel *seclabel* setting not allowed, command terminated**

Explanation

The terminal user is not authorized to specify the *seclabel* for the resource.

C4R616E **Giving category *category* not allowed, command terminated**

Explanation

The terminal user is not authorized to assign this security *category* to the resource.

C4R617E **Removing category *category* not allowed, command terminated**

Explanation

The terminal user is not authorized to remove this security *category* from the resource.

C4R618E **Seclevel *seclevel* setting not allowed, command terminated**

Explanation

The terminal user is not authorized to assign this *seclevel* to the resource.

C4R619E **Level *level* setting not allowed, command terminated**

Explanation

The terminal user is not authorized to assign this *level* to the resource. The LEVEL is not normally used by RACF for any purpose. It may be used to trigger the NOCHANGE control in zSecure Command Verifier.

C4R620E **Instdata setting not allowed, command terminated**

Explanation

The terminal user has explicitly been denied authority to specify INSTDATA on the ADDSD and RDEFINE commands.

C4R621E **Instdata change not allowed, command terminated**

Explanation

The terminal user has insufficient authorization to modify INSTDATA via ALTDSD or RALTER commands.

C4R622E **Notify setting not allowed, command terminated**

Explanation

The terminal user has explicitly been denied authority to specify a NOTIFY ID on the ADDSD and RDEFINE commands.

C4R623E **Notify change not allowed, command terminated**

Explanation

The terminal user has insufficient authorization to modify the NOTIFY ID via ALTDSD or RALTER commands.

C4R624E **Retpd management not allowed, command terminated**

Explanation

The terminal user has insufficient authorization to set or modify the Retention period in the data set profile.

C4R625E **APPLdata setting not allowed, command terminated**

Explanation

The terminal user has insufficient authorization to set or modify the APPLDATA value in the resource profile. Note that many functions in zSecure Command Verifier are controlled via the APPLDATA field of the policy profiles.

C4R626E **APPLdata change not allowed, command terminated**

Explanation

The terminal user has insufficient authorization to set or modify the APPLDATA value in the resource profile. Note that many functions in zSecure Command Verifier are controlled via the APPLDATA field of the policy profiles.

C4R627E **Singledsn usage not allowed, command terminated**

Explanation

The terminal user may not designate a TAPEVOL as restricted to a single data set.

C4R628E **TVTOC usage not allowed, command terminated**

Explanation

The terminal user may not specify that RACF is to maintain a TAPE VTOC for this TAPEVOL.

C4R629E **Timezone usage not allowed, command terminated**

Explanation

The terminal user may not designate this TERMINAL to a particular timezone.

C4R630E **When usage not allowed, command terminated**

Explanation

The terminal user may not restrict usage of this TERMINAL to particular days or hours.

C4R631E **Audit success(*auditlvl*) not allowed, command terminated**

Explanation

The terminal user may not set or modify successful access auditing options for this resource profile.

C4R632E **Audit Fail(*auditlvl*) not allowed, command terminated**

Explanation

The terminal user may not set or modify failed access auditing options for this resource profile.

C4R633E **GlobalAudit success(*auditlvl*) not allowed, command terminated**

Explanation

The terminal user may not set or modify the "auditor-specified" successful access auditing options for this resource profile. Note, that setting this auditing value requires the auditor attribute, in addition to the proper zSecure Command Verifier authorization.

C4R634E **GlobalAudit fail(*auditlvl*) not allowed, command terminated**

Explanation

The terminal user may not set or modify the "auditor-specified" failed access auditing options for this resource profile. Note, that setting this auditing value requires the auditor attribute, in addition to the proper zSecure Command Verifier authorization.

C4R635E **Permit FROM not allowed, command terminated**

Explanation

The terminal user is not allowed to use the FROM keyword to copy an existing ACL to the current profile. The command is not executed.

C4R636E **Not allowed to access *segname* segment, command terminated**

Explanation

The terminal user is not authorized to access the GROUP *segname* segments. Access READ to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R637E **Not allowed to modify *segname* segment, command terminated**

Explanation

The terminal user is not authorized to modify the GROUP *segname* segments. Access UPDATE to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R638I **Uncontrolled options prevented use of Controlled Temporary Special: *keywords***

Explanation

Although the terminal user is authorized for the Controlled Temporary Special function (=CTLSPEC), the temporary SPECIAL was not used. The command contained option(s) that were not controlled via a required policy profile. Remove the listed uncontrolled keyword(s) or parameter(s).

C4R639W **No criterion specified in APPLDATA of =NOCHANGE policy profile, ignored**

Explanation

The =NOCHANGE profile does not contain any value for the APPLDATA. The =NOCHANGE profile is ignored, and the resource is not treated as a non-modifiable system resource. Specify a valid value for the APPLDATA.

C4R640E **Define/Delete *class profile* not allowed, command terminated**

Explanation

The resource naming convention policy profile prevented creation of *profile* in *class*.

C4R641E **Adding member *member* not allowed, command terminated**

Explanation

The resource naming convention policy profile prevented creation of *member*. Note that this is due to insufficient access to the member-class policy profile associated with the grouping-class profile used in the command.

C4R642E **Deleting member *member* not allowed, command terminated**

Explanation

The resource naming convention policy profile prevented removal of *member*. Note, that this is due to insufficient access to the member-class policy profile associated with the grouping-class profile used in the command.

C4R643E **Volume keywords not allowed, command terminated**

Explanation

The terminal user is not authorized to add or remove volumes from a discrete data set profile.

C4R644E **Unit keywords not allowed, command terminated**

Explanation

The terminal user is not authorized to add uncataloged discrete data set profiles.

C4R645E **Management of private profiles not allowed, command terminated**

Explanation

The terminal user is not authorized to manage data set profiles that have as HLQ her own USERID.

C4R646E **Management of locked profiles not allowed, command terminated**

Explanation

The profile is classified as a NOCHANGE resource profile. You are not authorized to change these type of resource profiles.

C4R647W **Invalid LEVEL *level* in APPLDATA of =NOCHANGE policy profile, ignored**

Explanation

The level specified in the appldata of the =NOCHANGE profile does not contain a valid value. Specify two decimal digits for *nn* in the string 'LEVEL=*nn*'

C4R648W **Invalid value *appldata* in APPLDATA of =NOCHANGE policy profile, ignored**

Explanation

The value specified in the APPLDATA of the =NOCHANGE profile is not recognized. Specify a valid value for the APPLDATA.

C4R649E **Define *class profile* not allowed, command terminated**

Explanation

The new profile is a more specific definition for a resource that is already covered via an already existing (less specific) profile. Definition of a more specific profile undercuts the existing protection, which is not allowed via the profile shown in the accompanying ICH408I message.

C4R650E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Mandatory Value policy profile specified that the OWNER should be the same as the OWNER of the terminal user.

C4R651E **Could not find my own OWNER, command terminated**

Explanation

This error message is issued if the OWNER of the terminal user is not an existing USERID or GROUP, and the Default Value policy specified that the OWNER should be the same as the OWNER of the terminal user.

C4R652E **Use of default value for OWNER not allowed, command terminated**

Explanation

The terminal user does not have sufficient access to the '/OWNER' profile.

C4R653E **Not allowed to set UID to *uid* for user *userid*, command terminated**

Explanation

The terminal user is not allowed to use the specific value *uid* for the USERID's OMVS segment.

C4R654E **Not allowed to set UID to *uid* for user *userid*, command terminated**

Explanation

The terminal user is not allowed to use the specific value *uid* for the USERID's OVM segment.

C4R655E **Use of owner(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =RACUID(*n*) value matched, but the terminal user has access NONE.

C4R656E **Use of owner(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =RACGPID(*n*) value matched, but the terminal user has access NONE.

C4R657E **Use of owner(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the =HLQ(*n*) value matched, but the terminal user has access NONE.

C4R658E **Use of owner(*owner*) not allowed, command terminated**

Explanation

This error message is issued if the selected OWNER is not allowed to be used.

C4R659E **New OWNER *owner* is outside your scope, command terminated**

Explanation

The /SCOPE policy prevented usage of an OWNER that is not within the scope of the terminal user.

C4R660E **New OWNER *owner* is not a group, command terminated**

Explanation

The /GROUP policy prevented usage of a OWNER that is not an existing RACF GROUP.

C4R661E **New OWNER *owner* is not same as HLQ, command terminated**

Explanation

Mainly used for data set profiles, the policy profile prevented the use of anything other then the HLQ as the OWNER of the resource profile.

C4R662E **Not allowed to set GID to *gid* for group *group*, command terminated**

Explanation

The terminal user is not allowed to use the specific value *gid* for the GROUP's OMVS segment.

C4R663E **Not allowed to set GID to *gid* for group *group*, command terminated**

Explanation

The terminal user is not allowed to use the specific value *gid* for the GROUP's OVM segment.

C4R664E **Management of locked resources not allowed, command terminated**

Explanation

The new resource profile would change the profile currently used to protect a resource classified as a NOCHANGE resource. This is not allowed.

C4R665W **Invalid mandatory GROUP attribute value(s) starting "*string*" ignored**

Explanation

The policy profile for the mandatory GROUP attributes contained an invalid GROUP attribute. The message shows the first 8 characters of the unknown attribute. The unknown attribute, and all remaining attributes in the APPLDATA field are ignored.

C4R666W **Invalid mandatory USER attribute value(s) starting "*string*" ignored**

Explanation

The policy profile for the mandatory USER attributes contained an invalid USER attribute. The message shows the first 8 characters of the unknown attribute. The unknown attribute, and all remaining attributes in the APPLDATA field are ignored.

C4R667W **Invalid mandatory AUTH value, replaced by USE**

Explanation

The APPLDATA field of the policy profile for the mandatory CONNECT AUTHORITY specified an invalid value. Valid values are JOIN, CONNECT, CREATE and USE. The invalid value is ignored, and the value USE is used instead.

C4R668W **Invalid default AUTH value, replaced by USE**

Explanation

The APPLDATA field of the policy profile for the default CONNECT AUTHORITY specified an invalid value. Valid values are JOIN, CONNECT, CREATE and USE. The invalid value is ignored, and the value USE is used instead.

C4R669W **Invalid mandatory UACC value, replaced by NONE**

Explanation

The APPLDATA field of the policy profile for the mandatory UACC specified an invalid value. Valid values are ALTER, CONTROL, UPDATE, READ and NONE. The invalid value is ignored, and the value NONE is used instead.

C4R670E **User *userid* does not exist, command terminated**

Explanation

An ALTUSER command was issued for a nonexisting USERID.

C4R671E **User *userid* does not exist, command terminated**

Explanation

An ALTUSER command was issued for a nonexisting USERID.

C4R672E **Group *groupid* does not exist, command terminated**

Explanation

An ALTGROUP command was issued for a nonexisting GROUP.

C4R673E **User *userid* does not exist, command terminated**

Explanation

An ALTUSER command was issued for a nonexisting USERID.

C4R674W **Invalid default UACC value, replaced by NONE**

Explanation

The APPLDATA field of the policy profile for the default UACC specified an invalid value. Valid values are ALTER, CONTROL, UPDATE, READ and NONE. The invalid value is ignored, and the value NONE is used instead.

C4R675E **Cannot assign ATTRIBUTE value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the mandatory GROUP attributes.

C4R676E **Cannot assign OWNER value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the mandatory OWNER of the GROUPs.

C4R677E **Cannot assign OWNER value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the default OWNER of the GROUPs.

C4R678E **Cannot assign SUPGROUP value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the SUPGROUP of the GROUPs.

C4R679E **Cannot assign SUPGROUP value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the mandatory SUPGROUP of the GROUPs.

C4R680E **Cannot assign SUPGROUP value, please split command**

Explanation

An ADDGROUP command was issued for two or more GROUPs. The policy profiles specify different values for the default SUPGROUP of the GROUPs.

C4R681E **Cannot assign UACC value, please split command**

Explanation

An RDEFINE or ADDSD command was issued for two or more resources. The policy profiles specify different values for the mandatory UACC of the resource or data set profiles.

C4R682E **Cannot assign UACC value, please split command**

Explanation

An RDEFINE or ADDSD command was issued for two or more resources. The policy profiles specify different values for the default UACC of the resource or data set profiles.

C4R683E **Cannot assign OWNER value, please split command**

Explanation

An RDEFINE or ADDSD command was issued for two or more resources. The policy profiles specify different values for the mandatory OWNER of the resource or data set profiles.

C4R684E **Cannot assign OWNER value, please split command**

Explanation

An RDEFINE or ADDSD command was issued for two or more resources. The policy profiles specify different values for the default OWNER of the resource or data set profiles.

C4R685E **Cannot assign ATTRIBUTE value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory attributes of the USERIDs.

C4R686E **Cannot assign AUTH value, please split command**

Explanation

An ADDUSER or CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory CONNECT authorization of the USERIDs.

C4R687E **Cannot assign AUTH value, please split command**

Explanation

An ADDUSER or CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the default CONNECT authorization of the USERIDs.

C4R688E **Cannot assign UACC value, please split command**

Explanation

An ADDUSER or CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory UACC value for the USERIDs.

C4R689E **Cannot assign UACC value, please split command**

Explanation

An ADDUSER or CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the default UACC value for the USERIDs.

C4R690E **Cannot assign OWNER value, please split command**

Explanation

A CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory OWNER value for the USERID to GROUP connection.

C4R691E **Cannot assign UACC value, please split command**

Explanation

A CONNECT command was issued for two or more USERIDs. The policy profiles specify different values for the default OWNER value for the USERID to GROUP connection.

C4R692E **Cannot assign DFLTGRP value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory DFLTGRP value for the USERIDs.

C4R693E **Cannot assign DFLTGRP value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the default DFLTGRP value for the USERIDs.

C4R694E **Cannot assign DFLTGRP value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the DFLTGRP value for the USERIDs.

C4R695E **Cannot assign OWNER value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory OWNER value for the USERID s.

C4R696E **Cannot assign OWNER value, please split command**

Explanation

An ADDUSER command was issued for two or more USERIDs. The policy profiles specify different values for the default OWNER value for the USERIDs.

C4R697E **Cannot assign INTERVAL value, please split command**

Explanation

A PASSWORD command was issued for two or more USERIDs. The policy profiles specify different values for the mandatory password INTERVAL for the user IDs.

C4R698E **Management of UPDATE protected resources not allowed, command terminated**

Explanation

The new resource profile would change the profile currently used to protect a resource classified as a NOUPDATE resource. This is not allowed. A resource is classified as a NOUPDATE resource if it matches the LEVEL and pattern as specified via the C4R.*class*.=NOUPDATE.*pattern* policy profile.

C4R699E **Granting UPDATE access to UPDATE protected profiles not allowed**

Explanation

The resource profile is classified as a UPDATE protected resource via the LEVEL and profile pattern. You have insufficient authority to grant UPDATE access to such a resource.

C4R messages from 700 to 799

C4R700E **Invalid LEVEL *level* in APPLDATA of =NOUPDATE policy profile, ignored**

Explanation

The level specified in the appldata of the =NOUPDATE profile does not contain a valid value. Specify two decimal digits for *nn* in the string 'LEVEL=*nn*'

C4R701W **Specification for mandatory OWNER is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =GROUP specification.

C4R702W **Specification for default OWNER is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =GROUP specification.

C4R703W **Mandatory/Default OWNER *owner* is not a valid id, use current group**

Explanation

The resulting specification of the OWNER ID is invalid. The ID does not exists as either a USERID or GROUP.

C4R704W **Specification for mandatory SUPGRP is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =GROUP specification.

C4R705W **Specification for default SUPGRP is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =GROUP specification.

C4R706W **Mandatory/Default SUPGRP *supgrp* is not a valid id, use current group**

Explanation

The resulting specification of the Superior Group is invalid. The ID does not exists as GROUP.

C4R707W **Specification for mandatory OWNER is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =USERID specification.

C4R708W **Specification for default OWNER is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =USERID specification.

C4R709W **Mandatory/Default OWNER *owner* is not a valid id, use current group**

Explanation

The resulting specification of the OWNER ID is invalid. The ID does not exists as either a USERID or GROUP.

C4R710W **Specification for mandatory DFLTGRP is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =USERID specification.

C4R711W **Specification for default DFLTGRP is invalid, use current group**

Explanation

The APPLDATA field of the applicable policy profile contains invalid numerics in the =USERID specification.

C4R712W **Mandatory/Default DFLTGRP *dfltgrp* is not a valid id, use current group**

Explanation

The resulting specification of the Default Group is invalid. The ID does not exists as GROUP.

C4R713W **Mandatory/Default OWNER *owner* is not a valid id, use current group**

Explanation

The resulting specification of the OWNER ID is invalid. The ID does not exists as either a USERID or GROUP.

C4R714W **Mandatory/Default OWNER *owner* is not a valid id, use current group**

Explanation

The resulting specification of the OWNER ID is invalid. The ID does not exists as either a USERID or GROUP.

C4R715E **Not allowed to set TRUSTED for STARTED profile *profile***

Explanation

You are not authorized to set or reset the TRUSTED attribute for started tasks. The *profile* is not changed.

C4R716E **Not allowed to set PRIVILEGED for STARTED profile *profile***

Explanation

You are not authorized to set or reset the PRIVILEGED attribute for started tasks. The *profile* is not changed.

C4R717E **Not allowed to set TRACE for STARTED profile *profile***

Explanation

You are not authorized to set or reset the TRACE attribute for started tasks. The *profile* is not changed.

C4R718E **Not allowed to set *id-type id* for STARTED profile *profile***

Explanation

You are not authorized to set or reset the USER or GROUP in the STDATA segment of STARTED profiles. The *profile* is not changed.

C4R719W **No criterion specified in APPLDATA of =NOUPDATE policy profile, ignored**

Explanation

The =NOUPDATE profile does not contain any value for the APPLDATA. The =NOUPDATE profile is ignored, and the resource is not treated as a UPDATE protected resource. Specify a valid value for the APPLDATA.

C4R720W **Invalid value *appldata* in APPLDATA of =NOUPDATE policy profile, ignored**

Explanation

The value specified in the APPLDATA of the =NOUPDATE profile is not recognized. Specify a valid value for the APPLDATA.

C4R721E **Not allowed to access *segname* segment, command terminated**

Explanation

The terminal user is not authorized to access the *segname* segments for DATASETs or General Resources. Access READ to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R722E **Not allowed to modify *segname* segment, command terminated**

Explanation

The terminal user is not authorized to modify the *segname* segments for DATASETs or General Resources. Access UPDATE to the policy profile is required, irrespective of the access level to the corresponding FIELD profiles.

C4R723E **Taking profile out of UPDATE control not allowed, command terminated**

Explanation

The resource profile is currently classified as a NOUPDATE resource. Changing the LEVEL would remove this classification. This is not allowed. A resource is classified as a NOUPDATE resource if it matches the LEVEL and pattern as specified via the C4R.*class*.NOUPDATE.*pattern*.

C4R724E **Revoke Date change not allowed, command terminated**

Explanation

The terminal user is not authorized to change the Revoke Date of the user ID. This message may be issued if a future Revoke Date or the NOREVOKE keyword is specified on the CONNECT command. For both instances, UPDATE authority is required.

C4R725E **Resume Date change not allowed, command terminated**

Explanation

The terminal user is not authorized to change the Resume Date of the user ID. This message may be issued if a future Resume Date or the NORESUME keyword is specified on the CONNECT command. For both instances, UPDATE authority is required.

C4R726E **Managing access to public resource not allowed, command terminated**

Explanation

The terminal user is not authorized to use the PERMIT command to add or remove entries to the access list of the resource because the resource is classified as a *public* resource. A *public* resource is one that has a UACC>NONE, or whose access list contains ID(*) with ACCESS>NONE.

C4R728E **Internal error, exit**

Explanation

An internal error occurred during processing of the INSTDATA format policy profiles. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R729E **Internal error, exit**

Explanation

An internal error occurred during processing the C4RCATMN command parameters. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R730E **C4RCATMN module is not APF authorized, exit**

Explanation

The C4RCATMN module for maintaining the Command Audit Trail data needs APF authorization to perform its function. have the module placed in an APF authorized library, and ensure that the module name is included in the APF authorized command table in the IKJTSOnn member in PARMLIB.

C4R731E **Error in parse, RC=*retcode***

Explanation

This error should not occur; see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R732E **Class required, exit**

Explanation

The *class* parameter is required. Reissue the command with a valid class parameter.

C4R733E **Profile required, exit**

Explanation

The *profile* parameter is required. Reissue the command with a valid profile parameter.

C4R734E **Command Audit Trail will be appended to RACF LIST output.**

Explanation

The Command Audit Trail information is included as part of the regular RACF LIST commands, like LISTUSER.

C4R735E **Command Audit Trail will be excluded from RACF LIST output.**

Explanation

The Command Audit Trail information is not included as part of the regular RACF LIST commands, like LISTUSER.

C4R736I **Command Audit Trail for *class profile***

Explanation

This is a header line of the Command Audit Trail display for *profile*

C4R737E ***class profile* not found**

Explanation

The *profile* of type *class* could not be found. Ensure that the class name is specified correctly and in full. Also verify that *profile* reflects an existing profile in *class* For data sets, the *profile* should include the prefix, but without imbedding quotes. This message may be issued when you try to list or remove Command Audit Trail information.

C4R738E **Not authorized to list Command Audit Trail info**

Explanation

You do not have sufficient access to the =MAINT Command Audit Trail policy profile. Nothing can be listed. See *Controlling the Command Audit Trail function* in the *IBM Security zSecure Command Verifier: User Guide* for more information on the required authorization.

C4R739I ***Section-type*: *data-item command-info***

Explanation

This marks a line of Command Audit Trail information. *Section-type* identifies the type of data that follows. For continuation lines, the value of *Section-type* may be blank. *Data-item* identifies the segment or attribute within the *Section-type*. For continuation lines, the value of *data-item* may be blank. *Command-info* shows the recorded data for the command. See *Format of the Command Audit Trail data display* in the *IBM Security zSecure Command Verifier: User Guide* for more information about the data displayed.

C4R740I **No Command Audit Trail for *class profile***

Explanation

No Command Audit Trail information existed for profile *profile* Nothing could be listed.

C4R742I **Command Audit data for *section-type* has been removed**

Explanation

The Command Audit Trail information for the section specified in the message for the profile and class specified in the command has been removed.

C4R743I **Uncontrolled options prevented use of Controlled Temporary Auditor: *keywords***

Explanation

Although the terminal user is authorized for the Controlled Temporary Auditor function (=CTLAUD), the temporary AUDITOR attribute is not used. The command contains one or more options that are not controlled by a required policy profile. Remove the listed uncontrolled keywords or parameters.

C4R744E **Not authorized to manage Command Audit Trail info**

Explanation

You do not have sufficient access to the =MAINT Command Audit Trail policy profile. No information is removed. See *Controlling the Command Audit Trail function* in the *IBM Security zSecure Command Verifier: User Guide* for more information on the required authorization.

C4R745E **Command Audit Trail does not support multiple volumes for datasets**

Explanation

For discrete data set profiles, only one volume may be present. Ensure that discrete data set profiles are only defined for one volume.

C4R746W **Command Audit Trail too large, remove oldest entry**

Explanation

The maximum size of each Command Audit Trail section is 4K. The current section contains entries that are significantly longer than average. Although the designed limit of 64 entries has not been reached, the latest entry does not fit. The oldest entry is removed.

C4R747E **Class *class* not found or inactive, exit**

Explanation

The class specified in the :4C4RCATMN" command does not exist, or is not active. Management of the Command Audit Trail information is not possible.

C4R748E **Universal groups may not be deleted, command terminated**

Explanation

This message is issued if a user with system special tries to delete a universal group and the user does not have at least READ access to the C4R.GROUP.DELETE.=UNIVERSAL policy.

C4R749E **Universal groups may not be deleted, command terminated**

Explanation

This message is issued if a user without system special tries to delete a universal group and the user does not have at least UPDATE access to the C4R.GROUP.DELETE.=UNIVERSAL policy.

C4R751E **SETROPTS *keyword* not allowed, command terminated**

Explanation

A SETROPTS keyword that requires at least READ access to the corresponding policy profile was not authorized. The command is not executed.

C4R752E **SETROPTS *keyword* not allowed, command terminated**

Explanation

A SETROPTS keyword that requires at least UPDATE access to the corresponding policy profile was not authorized. The command is not executed.

C4R753E ***function* REFRESH not allowed for class *class*, command terminated**

Explanation

The terminal user did not have at least READ access to the policy profile for function *function* of class *class* The REFRESH is not done.

C4R754E ***function* not allowed for class *class*, command terminated**

Explanation

The terminal user did not have at least UPDATE access to the policy profile for function *function* of class *class* The command is not executed.

C4R755E **Password history cleanup not allowed, command terminated**

Explanation

This message is issued if a user with insufficient authority tries to perform the password and phrase history cleanup function. The user needs at least UPDATE access to the C4R.USER.PWCLEAN.*owner.user* policy profile.

C4R756E **Password conversion not allowed, command terminated**

Explanation

This message is issued if a user with insufficient authority tries to perform the current password and password history conversion function. The user needs at least UPDATE access to the C4R.USER.PWCONVERT.*owner.user* policy profile.

C4R757E **ROAudit attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to assign the ROAUDIT attribute to the target user.

C4R758E **NoROAudit attribute not allowed, command terminated**

Explanation

The terminal user is not authorized to remove the ROAUDIT attribute from the target user.

C4R759E **Management of locked user *user-name* not allowed, command terminated**

Explanation:
The terminal user is not authorized to perform any action involving a user ID that is controlled through a =NOCHANGE policy profile. The command is terminated.

C4R760E **Management of locked group *group-name* not allowed, command terminated**

Explanation:
The terminal user is not authorized to perform any action involving a group that is controlled through

a =NOCHANGE policy profile. The command is terminated.

C4R761E **Not allowed to assign SHARED UID to user *user-name*, command terminated**

Explanation:
You are not allowed to use the SHARED keyword to indicate that the specified UID can be shared between multiple users. This message might be issued independent of whether or not the specified UID is already in use.

User response:
If the UID is not intended to be a shared UID, issue the command again with the correct UID, and without the SHARED keyword.

C4R762E **Not allowed to assign SHARED GID to group *group-name*, command terminated**

Explanation:
You are not allowed to use the SHARED keyword to indicate that the specified GID can be shared between multiple groups. This message might be issued, independent of whether or not the specified GID is already in use.

User response:
If the GID is not intended to be a shared GID, then issue the command again with the correct GID and without the SHARED keyword.

C4R763E **Granting or removing access for locked user *user-name* not allowed, command terminated**

Explanation:
The terminal user is not authorized to grant or remove access for a user ID that is controlled through a =NOCHANGE policy profile. The command is terminated.

C4R764E **Granting or removing access for locked group *group-name* not allowed, command terminated**

Explanation:
The terminal user is not authorized to grant or remove access for a group that is controlled through a =NOCHANGE policy profile. The command is terminated.

C4R765E **Internal error RC: *retcode* - *reascode***

Explanation

An internal error occurred while retrieving the site message text.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R766I **Site message text removed**

Explanation

The RALTER command was issued specifying installation data as `$C4RMSGT=DELETE`. The stored site message text for this policy profile was removed as requested.

C4R767I **Site message text saved**

Explanation

The RALTER command was issued specifying installation data as `$C4RMSGT=message-text`. The specified message text for this policy profile is stored as requested.

C4R768W **Site message text is missing**

Explanation

The RALTER command was issued specifying installation data with the prefix $C4RMSGT=. However, no site-message text was found following the prefix.

C4R769E **Failure updating site message text**

Explanation

The RALTER command was issued specifying installation data as $C4RMSGT=*message-text*. A failure occurred during the update of the site message text in the policy profile. This message is accompanied by message C4R770E.

C4R770E **Internal error RC: *retcode* - *reascode***

Explanation

An internal error occurred while saving the site message text.

User response

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R771E **Not allowed to set RESOWNER for DATASET profile *dsname***

Explanation:
You are not authorized to set or reset the RESOWNER value in the DFP segment of this data set profile. The profile is not changed.

C4R772E **Not allowed to set DATAKEY for DATASET profile *dsname***

Explanation:
You are not authorized to set or reset the DATAKEY value in the DFP segment of this data set profile. The profile is not changed.

C4R messages from 800 to 899

C4R897W **Keywords defaulted: *keywords***

Explanation

Lists keywords that were defaulted due to default policy.

C4R898W **Keyword overrides: *keywords***

Explanation

Lists keywords that were overridden due to mandatory policy.

C4R899W **Keywords suppressed: *keywords***

Explanation

Lists keywords that were suppressed because they violated policy.

C4R messages from 900 to 999

C4R900E **Command not controlled by zSecure Command Verifier, exit**

Explanation

An internal error occurred. The command entered is not recognized as a valid RACF command.

C4R910E **Error in command parsing; terminated**

Explanation

An internal error occurred during parsing the command parameters and keywords.

C4R911W **List of Profiles not supported, all but first ignored**

Explanation

The zSecure Command Verifier exit does not support multiple profiles.

C4R913I ***Command-String***

Explanation

This message shows the RACF command as passed to RACF for execution after zSecure Command Verifier processing.

C4R914I ***site message text***

Explanation

A policy violation occurred. This message shows a site-specified message text that provides additional information. The site message text is defined in the applicable policy profile.

C4R915E **Pre-command failed, processing terminated**

Explanation:
The specified pre-command abended or failed with a return code greater than 4. Remaining pre-commands, the main RACF command, and post-commands (if any) are not executed.

User response:
If the specified pre-command is incorrect, contact your zSecure Command Verifier administrator to correct the specified pre-command.

C4R916E **Main RACF command failed, processing terminated**

Explanation:
The specified main RACF command abended or failed with a return code greater than 4. Post-commands (if any) are not executed.

User response:
Correct the specified main RACF command.

C4R917E **Post-command failed, processing terminated**

Explanation:

The specified post-command abended or failed with a return code greater than 4. Remaining post-commands are not executed.

User response:
If the specified post-command is incorrect, contact your zSecure Command Verifier administrator to correct the specified post-command.

C4R920E Error in command creation; terminated

Explanation

An internal error prevented rebuilding the RACF command after parsing and processing the policies.

C4R930E Error in command modification; terminated

Explanation

An internal error occurred.

C4R940E Internal error in calling IKJPARS.

Explanation

An internal error occurred.

C4R945E Could not prompt for parameters

Explanation

An invalid parameter was encountered, but zSecure Command Verifier could not prompt the user for corrections.

C4R950E Attention key pressed

Explanation

Processing was interrupted because the attention key was pressed.

C4R967E Installation error: Version mismatch between C4RMAIN and C4RPIER

Explanation

The two main components are not at the same level. Verify that the IRREVX01 Exit routine (C4RMAIN) has been activated, and that the corresponding C4RPIER module is used (See installation instructions regarding SETPROG and LLA).

C4R968W Generic profiles will not be used

Explanation

The resource class used for the policy profiles does not have generic profiles enabled. Ensure that a SETROPTS GENERIC command has been issued for this resource class.

C4R969I Generic profiles will be enabled

Explanation

Generic profiles in the resource class used for the policy profiles may be defined and is used (when applicable for the particular policy profile).

C4R970E Unsupported exit version

Explanation

The zSecure Command Verifier status module does not recognize the version of the C4RMAIN module used as the RACF Common Command Exit (IRREVX01). This is most likely due to a version before zSecure Command Verifier version 1.6 being present.

C4R971I Exit version is *number*

Explanation

The version of the C4RMAIN module used as the RACF Common Command Exit (IRREVX01) is *number*.

C4R972W Error reading version number

Explanation

The zSecure Command Verifier status module does not recognize the version of the C4RMAIN module used as the RACF Common Command Exit (IRREVX01). The version number does not have the required syntax.

C4R973I PIER version is *number*

Explanation

The version of the Policy Interpretation and Enforcement Routine (C4RPIER) is *number*

C4R975W Resource class is not active

Explanation

The RACF resource class specified for the policy profiles, as specified in C4REXP, is not active. Verify that the correct resource class is specified, and that the class has been activated via SETROPTS CLASSACT(*classname*)

C4R976I Resource class is active

Explanation

The RACF resource class specified for the policy profiles, as specified in C4REXP, is active. This is the expected status.

C4R978I **Number of policy profiles is *number***

Explanation

There are *number* profiles defined in the RACF resource class specified for the policy profiles. Verify that this number is as expected.

C4R979E **No valid XPL, terminate**

Explanation

This error should not occur; see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R980I **Command Verifier has not been activated**

Explanation

No active exit module was found for the RACF dynamic exit point IRREVX01.

C4R981I **Command Verifier has not been activated**

Explanation

The C4RMAIN exit module was defined for the RACF dynamic exit point IRREVX01, but the module was not active.

C4R982I **Command Verifier is active**

Explanation

zSecure Command Verifier is found as an active RACF Common Command Exit (IRREVX01).

C4R985I **Resource class used for policy profiles is *class***

Explanation

This message shows the resource class as specified in the C4REXP options module.

C4R988E **C4RSTAT module is not APF authorized, exit**

Explanation

C4RSTAT requires APF authorization to locate the current RACF Common Command Exit routine. Continuation is not possible.

C4R990I **Error in calling command**

Explanation

zSecure Command Verifier could not execute the specified command. An error occurred during attach of the associated command processor.

C4R991E **Generated command is invalid; terminated.**

Explanation

The command as build by zSecure Command Verifier does not start with a valid character. Continuation is not possible.

C4R992E **Error pre-loading policy profiles via RACLIST, rc=*retcode***

Explanation

An error occurred during the RACLIST of the policy profiles. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

C4R993E **Policy profile resource class is not active**

Explanation

The resource class to be used for the policy profiles as specified in C4REXP is not active. Most policy rules are considered as not-implemented.

C4R995E **Illegal function or command code or call; terminated.**

Explanation

The parameters on the invocation of zSecure Command Verifier are invalid.

C4R998W **Could not open C4RDEBUG, debug processing will be skipped**

Explanation:
zSecure Command Verifier could not open the C4RDEBUG file. Debug processing is skipped.

C4R999E **Internal error 04, terminated**

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C4R999E Internal error 08, terminated

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C4R999E Internal error 0C, terminated

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

C4R999E Internal error 10, terminated

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in “Contacting IBM Support” on page 776 to report the problem.

Chapter 16. B8R messages

The RACF-Offline function available in IBM Security zSecure Admin enables you to issue most RACF commands against an inactive RACF database. The messages issued by RACF Offline have a message prefix in the form B8R*nnnX*, where *nnn* is the message number and *X* is a severity indicator. For more information about RACF-Offline, see the *IBM Security zSecure Admin and Audit for RACF: User Reference Manual*. The general meaning of the severity indicators is as follows:

I
Informational message.

W
Warning message. The program continues, but an error occurred.

E
Error message. The program might end immediately, or might attempt to continue.

S
Severe error message. The program cannot continue.

A
Action message. The program is waiting for a response from the user.

B8R100I B8RACF Version *version*

Explanation

This identification message shows the version of IBM Security zSecure Admin RACF-Offline that is active.

B8R102E B8RACF module is not APF authorized, exit

Explanation

The B8RACF command must be included in the TSO authorized command list, and be loaded from an APF authorized library. Verify that this is implemented correctly.

B8R104E Command not APF authorized, exit

Explanation

The RACF commands must be included in the TSO authorized command list, and be loaded from an APF authorized library. Verify that this is implemented correctly.

B8R105E Error in setup of estaex, RC=*retcode-reascode*

Explanation

During setup of an error recovery environment, a system error occurred. Execution is terminated. The system return code is *retcode* and the reason code is *reascode*.

B8R106E RACF-Offline disabled, exit

Explanation

The IBM Security zSecure Admin RACF-Offline function has been disabled via the IFAPRDxx member in parmlib.

B8R108E Deregistration error, rc=*return-code*

Explanation

An unexpected error occurred while deregistering the use of the product. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R110E B8RACF Command not allowed. You are already under B8RACF

Explanation

It is not possible to use B8RACF recursively. This message is issued if you tried to start B8RACF while the current session already is running B8RACF.

B8R111E RACF-Offline is not RACF controlled

Explanation

The IBM Security zSecure Admin RACF-Offline functionality is not controlled via a RACF profile, or the specified resource class is not active.

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B8R112E **You are not authorized to use RACF-Offline**

Explanation

The RACF profile used to control access to IBM Security zSecure Admin RACF-Offline specifies that you are not allowed to use the product. Refer to the accompanying ICH408I message for the exact profile used during the access verification.

B8R113E **Error during verification to use B8RACF, RC=*retcode***

Explanation

A system error occurred during verification of your authority to use IBM Security zSecure Admin RACF-Offline. Execution is terminated. The RACF return code is *retcode*.

B8R114E **Error setting up communication block**

Explanation

A system error occurred during setup of the communication area between multiple B8RACF modules. This error should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R116E **Error setting up new security environment**

Explanation

For use of the Offline RACF database, a secondary ACEE is needed. A system error occurred during the process of creating the ACEE. This error should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R118E **Error processing options module, exit**

Explanation

An internal error occurred during processing of the B8ROPT options module. Verify that the correct steps for creating this options module were followed during the installation process.

B8R119E **Error processing parameter file, exit.**

Explanation

An internal error occurred during processing of the B8RPARM file. Verify that the B8RPARM DDNAME points to a file with correct attributes that will be accepted by TSO. For example, files with the following attributes are valid:

- Sequential file with attributes RECFM=FB, LRECL=80 and line numbers in the last 8 columns
- File with attributes RECFM=VB, LRECL=255 and line numbers in the first 8 columns

B8R120E **Internal error, exit. RC=*retcode-reascode***

Explanation

An internal error occurred during preparation of RACF code for use in RACF-Offline.

User response

See the Electronic Support Web site for possible maintenance associated with this message. If you cannot find applicable maintenance, see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R121I **Completed processing B8ROPT options module**

Explanation

All commands from the B8ROPT options module have been processed. Processing continues with executing commands from the B8RPARM file (if present).

B8R122E **Error during RACF command intercept setup**

Explanation

An error occurred during the setup of the RACF commands for processing by RACF-Offline. Processing cannot continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R123E **Error during RACF command processor setup**

Explanation

An error occurred during the preparation of the RACF command processors for use in RACF-Offline. Processing cannot continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R124E **Error during setup of offline RACF DB, exit**

Explanation

An error occurred during execution of the RACF subroutines needed to initialize the offline RACF database. Processing cannot continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R125E **Identify error for *modname*. RC=*rc***

Explanation

An error occurred identifying the RACF-Offline command processor *modname*. Execution continues, but some RACF commands might not function correctly. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R126E **Cannot prepare *routine***

Explanation:
An error occurred during the preparation of a private copy of *routine* for use in RACF-Offline. Processing cannot continue.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R127E **Error during setup TSO environment, RC=*retcode***

Explanation

An error occurred during the initialization of the TSO environment. Processing cannot continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R128E **Cannot prepare MNGR**

Explanation

An error occurred during the preparation of a private copy of IRRMNGR for use in RACF-Offline. Processing cannot continue. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R129E **Scan-value mismatch *exp-value:cur-value***

Explanation:
The code in a required module did not match the expected value. Processing cannot continue.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R130E **Internal error, exit**

Explanation

An internal error occurred during the initialization of the offline environment. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R131E **Internal error, exit**

Explanation

An internal error occurred during the initialization of the offline environment. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R132E **Scan-value mismatch *exp-value:cur-value***

Explanation:
The code in a required module did not match the expected value. Processing cannot continue.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R134E **Internal error, exit. RC=*retcode-reascode***

Explanation

An internal error occurred during the initialization of the offline environment. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include the complete text of this message.

B8R135E **B8REPLAY command not APF authorized, exit**

Explanation

Several RACF-Offline commands must be included in the TSO authorized command list, and be loaded from an APF authorized library. This message is issued if the B8REPLAY command is not defined correctly, and invoked inside ISPF.

B8R136E **B8RACFLG command not APF authorized, exit**

Explanation

Several RACF-Offline commands must be included in the TSO authorized command list, and be loaded from an APF authorized library. This message is issued if the B8RACFLG command is not defined correctly, and invoked inside ISPF.

B8R137E **B8RVARY command not APF authorized, exit**

Explanation

Several RACF-Offline commands must be included in the TSO authorized command list, and be loaded from an APF authorized library. This message is issued if the B8RVARY command is not defined correctly, and invoked inside ISPF.

B8R138E **Cannot prepare *code***

Explanation

An error occurred during the preparation of a program module for use in RACF-Offline. The value *code* is an internal representation of the program module. Processing cannot continue. This message might occur several times, depending on the nature of the error condition.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem. Include the complete text of this message.

B8R143I **Completed processing B8RPARM file**

Explanation

This message indicates that the end of the B8RPARM input file is reached. The Offline environment will be initialized, and the RACF commands entered will be processed.

B8R150E **No RACF database allocated, exit**

Explanation

During initialization of the offline environment, it appears that no RACF database was allocated. This can be caused by:

- An allocation error
- A specification error in the B8ROPT options module
- A specification error in the B8RPARM file
- The absence of any RACFDB statements in B8ROPT and B8RPARM.

Verify that the RACFDB statement specifies the correct RACF database.

B8R151E **Active Primary RACF-DB is not supported**

Explanation

Verify that the RACFDB statement does not specify the currently active primary RACF database.

B8R152E **Active Backup RACF-DB is not supported**

Explanation

Verify that the RACFDB statement does not specify the currently active backup RACF database.

B8R154I **Use of selected RACF DB is uncontrolled**

Explanation

Use of the RACF database indicated in the RACFDB statement is not controlled via a zSecure Admin RACF-Offline specific profile. Use of the RACF database via zSecure Admin RACF-Offline is currently allowed.

B8R155E **Invalid LOG data set *reason***

Explanation

The specified log data set does not have the required attributes. The *reason* variable describes the incorrect attribute, which can be any of these values:

- dsorg not PS
- recfm not VB
- lrecl not 32756

User response

Verify that the correct log data set is specified. The log data set must be a sequential, variable blocked data set with a logical record length of 32756. You can also run the IBM Security zSecure Admin RACF-Offline function without a log data set.

B8R156E **You are not authorized to use this RACF DB**

Explanation

Use of the RACF database indicated in the RACFDB statement has not been authorized.

Check the accompanying ICH408I message for the exact profile that denied use of this RACF database for use by the IBM Security zSecure Admin RACF-Offline product. If the Offline database contains IRRPLEX_*sysplex* profiles for a DATA SHARING MODE sysplex, you need at least CONTROL access. Otherwise, UPDATE access to the profile is sufficient.

B8R158E **Return code *retcode* from RACF**

Explanation

During execution of the RACF access verification, an unexpected return code was encountered. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R162I **Return code from RACINIT DELETE *retcode-reascode***

Explanation

The RACROUTE used to remove the temporary security environment failed. The return code (*retcode*) and the reason code (*reascode*) are included in the message. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R170E **DCB Abend exit entered, Code=*abendcode-reascode***

Explanation

An error occurred during processing of the B8RLOG file. Recovery can be attempted, but is not always possible. LOG processing will be suspended. For more information on the *abendcode-reascode*, see the IBM messages and codes manuals.

B8R172E **Recovery not possible, continue termination**

Explanation

The error shown in message B8R170E cannot be suppressed. Abend processing will continue, probably resulting in early termination.

B8R174I **Recovery will be attempted, log suspended**

Explanation

The error shown in message B8R170E can be recovered. Regular processing will continue but the LOG function will be suspended.

B8R180E **Cannot access workarea, RC=*retcode***

Explanation

The command execution module cannot access the internal workarea. The return code from the N/T retrieval routine is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R182E **Error setting up recovery environment, RC=*retcode-reascode***

Explanation

An unexpected system error occurred during setup of the recovery environment. The return and reason code from the ESTAEX routine are *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R184E **Invalid DSCT pointer**

Explanation

An error was detected in the internal control block structure. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R186E **Error in PUTGET, RC=*retcode***

Explanation

An error occurred during execution of the PUTGET service to obtain commands from the input file. The return code from the service was *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R188E **Error adding *smf-exit-routine*, RC=*retcode-reascode***

Explanation

An error occurred during execution of the DYNEXIT service routine. This routine is used to define the SMF exit routine used to identify SMF records created while accessing the offline RACF database. The return and reason code from the service were *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R189E **Exit *exitname* not specified for subsystem *subsystem name***

Explanation

The definitions of SMF exits IEFU83, IEFU84 and IEFU85 are required for the entire system and for all subsystems specified in the SMFPRMxx parmlib member. You receive this message when any of these exit definitions (exitname) are missing on any subsystem (subsystem name). A separate message is issued for each missing definition.

The exit definitions might be missing because a statement such as SUBSYS(OMVS,NOEXITS) is included in the SMFPRMxx parmlib member. If a statement like this is included, the exits will be disabled for this subsystem. As a result, SMF records that reflect updates to the offline database from this subsystem will not be distinguishable from updates to the live RACF database.

User response

To prevent this message from occurring, ensure that exits IEFU83, IEFU84 and IEFU85 are enabled for all subsystems. See the *z/OS MVS Initialization and Tuning Guide (SA23-1379)* for more information about the SMFPRMxx parmlib member.

B8R190E **Error deleting *smf-exit-routine*, RC=*retcode-reascode***

Explanation

An error occurred during execution of the DYNEXIT service routine. This routine is used to remove the SMF exit routine used to identify SMF records created while accessing the offline RACF database. The return and reason code from the service were *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R200A **Enter RACF command or "END"**

Explanation

This is the terminal prompt indicating that IBM Security zSecure Admin RACF-Offline has initialized and is requesting the RACF commands that you want to be executed against the offline RACF database. When no more RACF commands are to be issued, enter END to stop prompting.

B8R201A **Press enter to continue**

Explanation

This is the terminal prompt issued from the attention routine after processing the attention key.

B8R202E **Error from parse, RC=*retcode***

Explanation

The B8REPLAY command could not be parsed successfully. The return code is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R203E SELECT parameter is required, exit

Explanation

The SELECT parameter is a required parameter of the B8REPLAY command. Provide the SELECT keyword and the two character identifier for the B8ROPTxx file.

B8R204E Cannot open *ddname*

Explanation

An OPEN error occurred on file *ddname*. The file should be a preallocated B8ROPTxx file containing IBM Security zSecure Admin RACF-Offline control commands. The data set should be FB(80).

B8R205I Replay start interpreting *ddname*

Explanation

This progress message indicates that scanning the B8ROPT*xx* file for a LOGDS command is started. The LOGDS statement specifies the LOG data set to be replayed.

B8R207I Replay finished interpreting *ddname*

Explanation

This progress message indicates that scanning the B8ROPT*xx* file was completed. The file was scanned for a LOGDS statement that specifies the LOG data set to be replayed.

B8R208E Cannot close *ddname*

Explanation

A CLOSE error occurred on file *ddname*. This error should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R209E *ddname* not found

Explanation

The B8ROPTxx file specified via the SELECT keyword could not be found. Verify that the correct suffix has been specified and that the B8ROPTxx file is allocated.

B8R210E Replay LOG file not found

Explanation

The COMMAND file specified via the LOGDS keyword could not be found. Verify that the correct *dsname* has been specified and that the data set exists.

B8R211I Attention key pressed, command terminated

Explanation

The Attention key (ATTN or PA1) has been pressed. The current command has been terminated. After the B8R201A prompt, enter your next command.

B8R214E Cannot open *ddname*

Explanation

An OPEN error occurred on file *ddname*. The file should be a preexisting file containing RACF and other supported IBM Security zSecure Admin RACF-Offline subcommands. The data set should be VB(255).

B8R215I Replay start processing cmdfile

Explanation

This progress message indicates that the COMMAND file specified via the SELECT keyword on the B8REPLAY command will be processed.

B8R216I *command*

Explanation

This progress message indicates that the RACF or IBM Security zSecure Admin RACF-Offline subcommand *command* will be processed.

B8R217I Replay finished processing cmdfile

Explanation

This progress message indicates that processing the COMMAND file has completed. The COMMAND file was located through the LOGDS statement in the specified B8ROPT*xx* file.

B8R218E Cannot close *ddname*

Explanation

A CLOSE error occurred on file *ddname*. This error should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R220E **Error setting up recovery environment, RC=*retcode-reascode***

Explanation

An unexpected system error occurred during setup of the recovery environment. The return and reason code from the ESTAEX routine are *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R222E **Error activating *smf-exit-routine*, RC=*retcode-reascode***

Explanation

An error occurred during execution of the DYNEXIT service routine. This routine is used to activate the SMF exit routine used to identify SMF records created while accessing the offline RACF database. The return and reason code from the service were *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R224E **Error inactivating *smf-exit-routine*, RC=*retcode-reascode***

Explanation

An error occurred during execution of the DYNEXIT service routine. This routine is used to inactivate the SMF exit routine used to identify SMF records created while accessing the offline RACF database. The return and reason code from the service were *retcode-reascode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R226E **Cannot open *ddname***

Explanation

An OPEN error occurred on file *ddname*. The file should be a preexisting B8ROPTxx file containing IBM Security zSecure Admin RACF-Offline control commands. The data set should be FB(80).

B8R228I **Start processing *ddname***

Explanation

This progress message indicates that the B8ROPTxx file specified via *ddname* will be processed. The file is scanned for IBM Security zSecure Admin RACF-Offline control commands.

B8R230E **Error from parse, RC=*retcode***

Explanation

The B8RVARY command could not be parsed successfully. The return code is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R231E ***ddname* not found**

Explanation

The B8ROPTxx file specified via the SELECT keyword could not be found. Verify that the correct suffix has been specified and that the B8ROPTxx file is allocated.

B8R232A **Confirm switching RACFDB (YES/NO)**

Explanation

This message prompts for a confirmation to switch the Offline RACF database. The YES response allows specification of another RACF database (and corresponding LOGDS and SMF options). Any other value results in termination of the B8RVARY function.

B8R234A **Enter B8RVARY subcommand or "END"**

Explanation

This is the terminal prompt indicating that IBM Security zSecure Admin RACF-Offline requests input for the specification of the Offline RACF database to use in the remainder of this IBM Security zSecure Admin RACF-Offline session. You can enter any IBM Security zSecure Admin RACF-Offline Control command. See "The B8RACF command and Control commands" in the *IBM Security zSecure Admin User*

Reference Manual for an overview of the IBM Security zSecure Admin RACF-Offline control commands. When no more RACF commands are to be issued, enter END to stop prompting.

B8R235E Error in PUTGET, RC=*retcode*

Explanation

An error occurred during execution of the PUTGET service to obtain commands from the input file. The return code from the service was *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R236I RACFDB switch cancelled

Explanation

This message confirms that switching the Offline RACF database has been cancelled. A value other then YES was entered in response to message B8R232A.

B8R238I Completed processing *ddname*

Explanation

This progress message indicates that processing the B8ROPTxx file specified via *ddname* has completed.

B8R239E Cannot close *ddname*

Explanation

A CLOSE error occurred on file *ddname*. This error should not occur. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R240E ESTAC: Task ABENDed, Code=*abndcode*, cleanup and exit

Explanation

An ABEND occurred during execution of a command. The error recovery routine will clean up the temporary RACF environment and terminate processing. Depending on the abend code (*abndcode*), see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R242E ESTAM: Task ABENDed, Code=*abndcode*, cleanup and exit

Explanation

An ABEND occurred during the execution of an IBM Security zSecure Admin RACF-Offline routine. The error recovery routine will clean up the temporary RACF environment and terminate processing. Depending on the abend code (*abndcode*), see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R244E ESTAV: Task ABENDed, Code=*abndcode*, cleanup and exit

Explanation

An ABEND occurred during the execution of a RACF command. The error recovery routine will clean up the temporary RACF environment and terminate processing. Depending on the abend code (*abndcode*), see the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R246I RACF databases in use

Explanation

This is the first message of the response to the B8RVARY LIST command. See additional messages for the names of the RACF databases used.

B8R247I Number Volume Dataset

Explanation

This is the header line for the list of the RACF databases used. See additional messages for the actual information.

B8R248I *number volume dataset*

Explanation

This message shows the sequence *number*, the *volume*, and the data set name (*dataset*) of the RACF databases used.

B8R249I No RACF data base allocated

Explanation

This message indicates that no Offline RACF database is currently in use. This message should not occur.

B8R250E LOGON command not supported during replay from within ISPF

Explanation

When running a replay file from within the ISPF environment, the LOGON command cannot be processed. If the LOGON command is required for the successful run of the replay file, issue the B8REPLAY command at the B8R200A prompt.

B8R251I *userid* logged on

Explanation

The *userid* has successfully logged on to the Offline RACF database. User authorizations from the Offline RACF database will be used.

B8R252E Return code from RACINIT CREATE *retcode-reascode*

Explanation

The RACROUTE used to create the temporary security environment failed. The return code (*retcode*) and the reason code (*reascode*) are included in the message. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R253E User not defined in Offline database

Explanation

The LOGON command for the specified user failed because the user profile could not be located in the Offline RACF database. Verify that the correct user ID is specified.

B8R254E Incorrect [password|phrase]

Explanation:
The LOGON command for the specified user failed because the provided password or phrase is incorrect for the USERID in the Offline RACF database.

User response:
Verify that the correct combination of user ID and password or phrase is specified.

B8R255E [Password|Phrase] expired

Explanation:
The LOGON command for the specified user failed because the provided password or phrase is expired for the USERID in the Offline RACF database.

User response:
Specify a new password using a LOGON *userid*|*password*|*newpassword* command, or specify a new phrase using a LOGON *userid* PHRASE(*phrase*) NEWPHRASE(*newphrase*) command.

B8R256E New [password|phrase] invalid

Explanation

The LOGON command for the specified user failed because the provided new password or phrase is not valid for RACF. This can occur as a result of one of the following reasons:

- The password or phrase is present in the password or phrase history.
- The password or phrase does not fit the installation password/phrase rules (in the system RACF database).
- The system new-password or new-phrase exit rejected the password or phrase.

User response:
Specify a valid new password or phrase.

B8R257E User is revoked in Offline database

Explanation

The LOGON command for the specified user failed because the user is revoked in the Offline RACF database. This can occur because of an explicit REVOKE, inactivity, or excessive incorrect passwords. You can resume this user via an ALTUSER command from any authorized user in the Offline RACF database, or from a System-Special user ID in the System RACF database, if you issue the ALTUSER command before logging on to the Offline database.

B8R258I Userid not specified, using *userid*

Explanation

The LOGON command was specified without a valid user ID and password. The current System user ID will be used to LOGON to the Offline RACF database.

B8R259E [Password|Phrase|Password/Phrase] missing

Explanation:
The LOGON command requires a valid user ID and password or phrase for the Offline database. No password or phrase was found.

User response:

Specify at least a USERID followed by a slash or specify a USERID followed by a PHRASE keyword, and specify the correct phrase at the prompt.

B8R260E **Cannot access workarea, RC=*retcode***

Explanation

The command execution module cannot access the internal workarea. The return code from the N/T retrieval routine is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R261E **Membername not allowed. Command ignored.**

Explanation

The RACFDB and LOGDS commands do not support the use of a partitioned data set member. The entire command is not processed.

User response

Correct the error and issue the required command again.

B8R262E **Error from parse, RC=*retcode***

Explanation

The internal command could not be parsed successfully. The return code is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R264E **DSNAME missing, terminate**

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R265E **DSNAME missing, terminate**

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R266E **Invalid SEQUENCE number, terminate**

Explanation

Currently, IBM Security zSecure Admin RACF-Offline only supports RACF databases that are physically split in the same way as the active RACF database on the current system. The sequence number specified on the RACFDB command specifies a sequence number that is either larger than the current number of physical databases, or zero. Specify a sequence number within the range 1 to the number of physical RACF databases defined on the current system.

B8R267E **DSNAME missing, terminate**

Explanation

An internal error occurred. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R268I **LOG data set to be used is *LOG-dataset-Name***

Explanation

The indicated LOG data set will be used to record all RACF commands. This is an informational message only.

B8R269I **REPLAY data set to be used is *Replay-dataset-Name***

Explanation

The indicated REPLAY data set will be used as source for the RACF commands. This is an informational message only.

B8R270E **Use of selected RACF DB is not RACF controlled, ignored**

Explanation

Use of the RACF database indicated in the RACFDB statement is not controlled via a IBM Security zSecure

Admin RACF-Offline specific profile. The specified database cannot be used. Processing is terminated.

B8R272E **Your are not authorized to use this RACF DB, ignored**

Explanation

Use of the RACF database indicated in the RACFDB statement is not allowed. Processing is terminated. Specify a RACF database for which you are authorized or obtain authorization to use the specified database.

B8R273I **RACF LOG file opened**

Explanation

This message confirms that the current LOG file has been opened. This command will be recorded in the LOG file.

B8R274I **RACF DB used is *RACF-DB-Name***

Explanation

The indicated RACF database will be used for all RACF commands. This is an informational message only.

B8R275I **RACF LOG file closed**

Explanation

This message confirms that the current LOG file has been closed. All records have been written; the LOG file will no longer be used.

B8R276E **Return code *retcode* from RACF**

Explanation

An unexpected response was returned from the RACFDB access verification process. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R277I **RACF LOG file reset**

Explanation

This message confirms that the current LOG file has been reset, and that all previously recorded commands will be overwritten.

B8R278E **RACF LOG file not found**

Explanation

No LOG file is currently in use. The B8RACFLG command is therefore not possible at the moment.

B8R279I **RACF LOG file flushed**

Explanation

This message confirms that the current LOG file has been flushed. All records have been written; the LOG file continues to be used.

B8R280E **SMF Record suppression is not RACF controlled, ignored**

Explanation

Use of SMF record suppression as requested in the SMF statement is not controlled via an IBM Security zSecure Admin RACF-Offline specific profile. The option cannot be used. Processing is terminated.

B8R282E **Your are not authorized to suppress SMF records, ignored**

Explanation

Use of SMF record suppression as requested in the SMF statement is not allowed. Processing is terminated. Specify an SMF processing option for which you are authorized or obtain authorization to suppress SMF records.

B8R284I **RACF SMF records will be suppressed**

Explanation

SMF records generated while executing RACF commands that access the offline RACF database will be suppressed. This is an informational message only.

B8R285I **RACF SMF records will not be suppressed**

Explanation

SMF records generated while executing RACF commands that access the offline RACF database will **not** be suppressed. This is an informational message only.

B8R286E **Return code *retcode* from RACF**

Explanation

An unexpected response was returned from the SMF access verification process. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable

maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R287I **Current logfile is *dsname***

Explanation

This message shows the data set name of the currently active LOG file.

B8R288I **No LOG file active**

Explanation

No LOG file is currently in use.

B8R290E **SMF Record renumber is not RACF controlled**

Explanation

Use of SMF record renumbering as requested in the SMF statement is not controlled via an IBM Security zSecure Admin RACF-Offline specific profile. The option cannot be used. Processing is terminated.

B8R292E **Your are not authorized to renumber SMF records**

Explanation

Use of SMF record renumbering as requested in the SMF statement is not allowed. Processing is terminated. Specify an SMF processing option for which you are authorized or obtain authorization to renumber SMF records.

B8R294I **RACF SMF records will be renumbered**

Explanation

SMF records generated while executing RACF commands that access the offline RACF database will be assigned a different SMF Record-type number. This is an informational message only.

B8R295I **RACF SMF records will not be renumbered**

Explanation

SMF records generated while executing RACF commands that access the offline RACF database will retain their original SMF Record-type number. This is an informational message only.

B8R296E **Return code *retcode* from RACF**

Explanation

An unexpected response was returned from the SMF access verification process. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R297I **New80 value *SMF-Record-type-number***

Explanation

RACF SMF records will be assigned a new record-type number. For Record-type 80 records, the new record-type will be *SMF-Record-type-number*.

B8R298I **New81 value *SMF-Record-type-number***

Explanation

RACF SMF records will be assigned a new record-type number. For Record-type 81 records, the new record-type will be *SMF-Record-type-number*.

B8R299I **New83 value *SMF-Record-type-number***

Explanation

RACF SMF records will be assigned a new record-type number. For Record-type 83 records, the new record-type will be *SMF-Record-type-number*.

B8R300E **Assigning new SMF-ID is not RACF controlled, ignored**

Explanation

Use of SMF-ID reassignment as requested in the SMF statement is not controlled via an IBM Security zSecure Admin RACF-Offline specific profile. The option cannot be used. Processing is terminated.

B8R302E **You are not authorized to assign a new SMF-ID, ignored**

Explanation

Assigning a new SMF-ID for all SMF records created while accessing the offline RACF database is not allowed. Processing is terminated. Specify an SMF processing option for which you are authorized or obtain authorization to assign a separate SMF-ID.

B8R304I **New SMF-ID (RACF only): *New-SMF-ID***

Explanation

SMF records generated while executing RACF commands that access the offline RACF database are assigned the value *New-SMF-ID* as system identifier. If the (RACF only) string is present, only RACF record types 80, 81, and 83 are affected. This is an informational message only.

B8R305I **SMF-ID setting not modified**

Explanation

SMF records generated while executing RACF commands that access the offline RACF database will use the SMF system identifier as set in a previous SMF command or in the active system SMF-ID. This is an informational message only.

B8R306E **Return code *retcode* from RACF**

Explanation

An unexpected response was returned from the SMF access verification process. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R310E **Error during scan RC=*retcode***

Explanation

An unexpected response was returned from the TSO command scan service routine. The return code is *retcode*. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R312I **Unsupported command: *command***

Explanation

The *command* is not one of the commands that are supported to run under RACF-Offline. Alternatively, it is not available in the current environment; this might occur for zSecure commands if RACF-Offline is started while the zSecure ISPF user interface is active.

User response:
Enter one of the supported (RACF) commands.

B8R314E **Invalid command name syntax**

Explanation

The command as entered is not recognized. The most likely reasons are a typing error in the command name or a missing blank between the command name and the parameters or keywords.

B8R315E **Not authorized to specify SPECIAL/NOSPECIAL**

Explanation

Specifying the SPECIAL or NOSPECIAL keyword on the LOGON command requires UPDATE access to resource B8R.SPECIAL.*master-racfdb-name*, where *master-racfdb-name* is the name of the first or only offline RACF database. Either no matching profile was found or you have insufficient access. The effective value of the attribute is not changed.

B8R316E **Not authorized to specify OPERATIONS/NOOPERATIONS**

Explanation

Specifying the OPERATIONS or NOOPERATIONS keyword on the LOGON command requires UPDATE access to resource B8R.OPERATIONS.*master-racfdb-name*, where *master-racfdb-name* is the name of the first or only offline RACF database. Either no matching profile was found or you have insufficient access. The effective value of the attribute is not changed.

B8R317E **Not authorized to specify AUDITOR/NOAUDITOR**

Explanation

Specifying the AUDITOR or NOAUDITOR keyword on the LOGON command requires UPDATE access to resource B8R.AUDITOR.*master-racfdb-name*, where *master-racfdb-name* is the name of the first or only offline RACF database. Either no matching profile was found or you have insufficient access. The effective value of the attribute is not changed.

B8R320E **Cannot find *nn*, exit**

Explanation

An internal error occurred, where *nn* is the internal diagnostic number. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R322E **Load error for *nn*, exit *retcode-reascode***

Explanation

An internal error occurred, where *nn* is the internal diagnostic number. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R330E **Error starting *command*, Code=*retcode-reascode***

Explanation

The specified command could not be started due to an error in the program load routine. Common values for *retcode* are 806 and 306. This situation should not occur for any of the supported commands. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R340E **Assigning new SMF-USER is not RACF controlled, ignored**

Explanation

Use of USER reassignment as requested in the SMF statement is not controlled via an IBM Security zSecure Admin RACF-Offline specific profile. The option cannot be used. Processing is terminated.

B8R342E **You are not authorized to assign a new SMF-USER, ignored**

Explanation

Assigning a new USER for the RACF command records (SMF-80) is not allowed. Processing is terminated. Specify an SMF processing option for which you are authorized or obtain authorization to assign a separate USER.

B8R344I **New SMF-USER: *New-USER***

Explanation

SMF records generated for RACF commands will be assigned the value *New-USER* in SMF80UID. This is an informational message only.

B8R345I **SMF-USER setting not modified**

Explanation

SMF records generated for RACF commands will retain their original USER value in SMF80UID. This is an informational message only.

B8R346E **Return code *retcode* from RACF**

Explanation

An unexpected response was returned from the SMF access verification process. See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R350W **Possible incorrect sharing of RACF database with sysplex *sysplexname***

Explanation

This message is issued if RACF-Offline detects that the Offline RACF database has been used in DATA SHARING MODE. The sysplex, or one of the sysplexes, used the database in data sharing mode is indicated in the sysplexname. If you are sure that the database is no longer in use on any other system, you can answer "continue" to message B8R351A. If you are not sure, respond with "end".

To continue, you need at least CONTROL access to profile B8R.RACFDB <RACF database name>. For more information on these guarding profiles, see the section "Guarding against data corruption resulting from incorrect database sharing" in the RACF system programmer's guide.

B8R351A **Enter "CONTINUE" or "END"**

Explanation

This message is issued as continuation of message B8R350W. If you are sure that the Offline database is no longer in use on any other system, you can answer "continue". Any other response results in termination of this RACF-Offline session. The "continue" response cannot be abbreviated or proceeded by any other characters including blanks.

B8R352I **Could not load SMF routine from STEPLIB into LPA, RC=*retcode***

Explanation

This diagnostic message is issued to indicate an unexpected error occurred when loading a new copy of the zSecure Admin SMF exit routine into the system LPA. Additional information is provided in message B8R353I.

B8R353I **Detail info *retcode-reascode***

Explanation

This diagnostic message is a continuation of message B8R352I. It provides the detail error code and reasoncode for the CSVDYLPA request.

B8R354I **Error removing old copies of SMF exit from LPA, RC=*retcode***

Explanation

This diagnostic message is issued to indicate an unexpected error occurred when removing obsolete copies of the zSecure Admin SMF exit routine from the system LPA.

B8R355I **DBSHIELD: ICHEINTY RC=*retcode***

Explanation

This message is issued when an unexpected response was received from an internal ICHEINTY. The return code is *retcode*.

B8R356I **DBSHIELD appldata *profile* invalid, ignored**

Explanation

This message is issued when an invalid value was encountered for the APPLDATA field on any IRRPLEX_*sysplex* profile. The only valid appldata values are NON-DATA SHARING MODE and DATA SHARING MODE.

B8R357I **DBSHIELD appldata *profile* missing, ignored**

Explanation

This message is issued when the APPLDATA value on any IRRPLEX_*sysplex* profile is absent. The only valid appldata values are NON-DATA SHARING MODE and DATA SHARING MODE.

B8R358I **DBSHIELD profile management error, RC=*retcode-reascode***

Explanation

This message is issued if updating the APPLDATA value for an IRRPLEX_*sysplex* profile failed.

B8R359I **DBSHIELD profile management error, RC=*retcode-reascode***

Explanation

This message is issued if deleting an IRRPLEX_*sysplex* profile failed.

B8R360E **New80 value missing. Terminate**

Explanation

This error message is issued if the value for the NEW80 parameter is missing. A value should be specified.

B8R361E **New81 value missing. Terminate**

Explanation

This error message is issued if the value for the NEW81 parameter is missing. A value should be specified.

B8R362E **New83 value missing. Terminate**

Explanation

This error message is issued if the value for the NEW83 parameter is missing. A value should be specified.

B8R363E **New SMF-ID value missing. Terminate**

Explanation

This error message is issued if the value for the SMF-ID parameter is missing. A value should be specified.

B8R364E **New SMF-USER missing. Terminate**

Explanation

This error message is issued if the value for the SMF-USER parameter is missing. A value should be specified.

B8R365E **Disabling SMF processing is not RACF controlled, ignored**

Explanation

The function to disable all RACF-Offline handling of SMF records is not controlled via an appropriate RACF profile. The request to disable all RACF-Offline handling of SMF records is rejected. The previous status of SMF record processing is unchanged.

B8R366E **You are not authorized to disable SMF processing. Ignored**

Explanation

You do not have sufficient access to resource B8R.SMF.ASIS. The request to disable all RACF-Offline handling of SMF records is denied. The current status

of SMF record processing by RACF-Offline is not changed.

B8R367E Return code *retcode* from RACF

Explanation

An unexpected code was returned from the access verification request to disable all RACF-Offline SMF processing.

B8R368I B8RACF SMF processing disabled

Explanation

RACF-Offline will not modify any SMF records to explicitly mark them as relating to access or updates to the profiles in the Offline RACF database. RACF SMF records related to updates to the Offline RACF database cannot be distinguished from those created for updates to the system RACF database.

B8R369I B8RACF SMF processing not disabled

Explanation

The previous setting of RACF-Offline's handling of RACF records is not changed.

B8R370W RACROUTE LIST failed for class *class* , RC=*retcode-reascode*

Explanation

For some resource classes, RACF-Offline will perform a local RACLIST to ensure that the correct profiles are used for authorization verifications done by the Offline commands. For instance, profiles from the Offline RACF database should be used for the FIELD class and for the authorizations to use CKGRACF. If this message is issued, the local RACLIST process failed. Check the retcode/reascode in the *Security Server RACROUTE Macro Reference*.

B8R371W RACROUTE LIST failed for class *class* , RC=*retcode-reascode*

Explanation

For some resource classes, RACF-Offline will perform a local RACLIST to ensure that the correct profiles are used for authorization verifications done by the Offline commands. For instance, profiles from the Offline RACF database should be used for the FIELD class and for the authorizations to use CKGRACF. If this message is issued, the cleanup of the local RACLISTed classes failed. Check the retcode/reascode in the *Security Server RACROUTE Macro Reference*.

B8R372E Cannot prepare ENV00

Explanation:
An error occurred during the preparation of a private copy of IRRENV00 for use in RACF-Offline. Processing cannot continue.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R373E Cannot prepare ENV00

Explanation:
An error occurred during the preparation of a private copy of IRRENV00 for use in RACF-Offline. Processing cannot continue.

User response:
See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

B8R400I Setropts command currently not supported

Explanation

The SETROPTS command is currently not supported in the IBM Security zSecure Admin RACF-Offline environment.

B8R410I RVARY command currently not supported

Explanation

The RVARY command is currently not supported in the IBM Security zSecure Admin RACF-Offline environment.

B8R420I RACLINK command currently not supported

Explanation

The RACLINK command is currently not supported in the IBM Security zSecure Admin RACF-Offline environment.

B8R430I B8RACFLG Command only valid in RACF-Offline

Explanation

The B8RACFLG command can only be issued from within the IBM Security zSecure Admin RACF-Offline environment.

B8R432I **B8REPLAY Command only valid in RACF-Offline**

Explanation

The B8REPLAY command can only be issued from within the IBM Security zSecure Admin RACF-Offline environment.

B8R434I **B8RVARY Command only valid in RACF-Offline**

Explanation

The B8RVARY command can only be issued from within the IBM Security zSecure Admin RACF-Offline environment.

B8R450I **Command #rc0 #rc4 #rc8**

Explanation

This is the first of a block of messages summarizing the RACF commands that have been issued during the current IBM Security zSecure Admin RACF-Offline session. The counters will be displayed in subsequent B8R451I messages. The #rc0 column shows the number of commands that ended with a return code of zero (0). The other two columns show the number of commands that ended with return code four (4) and eight (8).

B8R451I ***Command #rc0 #rc4 #rc8***

Explanation

This message is repeated several times. *Command* is the name of a RACF command and *#rcn* represents the number of times that the RACF command is ended with a return code *n*.

B8R452I **Total #rc0 #rc4 #rc8**

Explanation

This is the last of a block of messages summarizing the RACF commands that have been issued during the current IBM Security zSecure Admin RACF-Offline session. This line shows the total number of RACF commands issued.

B8R453E ***keyword1* and *keyword2* are mutually exclusive**

Explanation:
The LOGON command for the user failed because combinations of *keyword1* and *keyword2* are not allowed. For example, do not try to log on using the current password while specifying a new phrase.

User response:
Specify only passwords or phrases.

Chapter 17. ICH and IRR messages

The zSecure Admin RACF-Offline function in zSecure Admin internally invokes RACF, resulting in RACF messages (ICH and IRR) being issued. However, in the zSecure Admin RACF-Offline environment, some ICH and IRR messages have alternate interpretation and corrective action as described in the following message index. The standard and authoritative descriptions of RACF messages are in the RACF manuals.

Note: Additional information about the ICH and IRR messages, including instructions for system programmer response options, is available in the following publications:

- For z/OS systems, see the *Security Server RACF Messages and Codes Manual* in the z/OS Internet Library: IBM z/OS documentation.
- For z/VM systems, see the *Security Server RACF Messages and Codes Manual* in the z/VM Internet Library: www.vm.ibm.com/library/.

ICH51003I NAME NOT FOUND IN RACF DATA SET

Explanation

This message can be issued if the current user (or its current group) is **NOT** defined in the Offline RACF database, and the user does not have the system-special (or system-auditor) attribute in the active RACF database. This message is only issued if RACF needs to evaluate the authority of the current user to issue the command.

User response

Use the LOGON command to use the definition of a user ID in the Offline RACF database. Alternatively, ensure that the current user ID (and its current group) is defined in the Offline RACF database, or assign system-special attribute to the user in the **active** RACF database.

ICH51011I RACF MANAGER PROCESSING ENDED DUE TO ERROR. RETURN CODE =*return-code*

Explanation

This message can be issued if the current user is **NOT** defined in the Offline RACF database, and the user does not have the system-special (or system-auditor) attribute in the active RACF database. This message will only be issued if RACF needs to evaluate the authority of the current user to execute the command.

User response

Use the LOGON command to use the definition of a user ID in the Offline RACF database. Alternatively, ensure that the current user ID (and its current group) is defined in the Offline RACF database, or assign system-special attribute to the user in the **active** RACF database.

IRR52105I Field in dynamic parse table is not found in template. Contact your system programmer.

Explanation

If this error message also occurs outside of the RACF-Offline environment, refer to the *Security Server RACF Messages and Codes Manual*. If the message only occurs in the RACF-Offline environment when handling CSDATA information, an installation error might have occurred. The most likely cause is a mismatch between the various RACF modules.

User response

Ensure that the B8RENVXX module has been rebuilt and that it contains the same level of the RACF code as present in IRRENV00, for instance, check the eyecatcher of csect IRRENV00.

Additional information about the ICH and IRR messages, including instructions for system programmer response options, is available in the following publications:

- For z/OS systems, see the *z/OS Security Server RACF Messages and Codes* in IBM Documentation for z/OS.
- For z/VM systems, see the *z/VM RACF Security Server Messages and Codes* in the z/VM Library Overview.

IRR52115I Error during RACF manager processing. Return code is 36. Reason code is 3.

Explanation

RACF detected that the RACF database templates in the Offline RACF database are downlevel with

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respect to the current version of the RACF command processors. Check that the current version of IRRMIN00, using appropriate input was used against the Offline RACF database.

Chapter 18. BB messages

This chapter describes error messages that you might encounter when using zSecure Visual. On the client side these errors can be a result of incorrect installation on the mainframe side, or can be caused by authorization issues. For information on setting up the Visual Server and configuring client authorities, see *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*. The following list provides information on the server error messages that can display after a zSecure Visual client logs into the zSecure Visual server.

BB*n* **The message text varies depending on the value of *n*.**

Explanation

For information on BB*n* messages (where *n* is a number below 100000), refer to the entry for the decimal value *n* in the *Return Codes Listed by Value* section of the *UNIX System Services Messages and Codes* manual.

BB124 **Too many files are open for this process.**

Explanation

The maximum number of file descriptors for the server process has been reached. For information on how to increase the maximum value, see *Establishing owners, directories and file systems* in the *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*.

BB146 **Too many levels of symbolic links**

Explanation

A symbolic link from program (CKRCARLA or CKGRACF) to *program* exists in the directory containing the zSecure Visual Server software. Verify that the directory contains no other files and links than the ones created by job C2RZWUNP.

BB157 **An internal error has occurred.**

Explanation

The bbracf program is not program controlled. See error BB100014.

BB100014 **The environment does not satisfy the requirements for program control.**

Explanation

A required module is not program controlled. All load modules (and program objects) that are loaded in the Visual server address space must be program controlled. Also, the file system that contains the Visual server software must be mounted with the SECURITY and SETUID attributes. You can identify the uncontrolled module in message CSV0421I in the MVS syslog.

See "Installation requirements" and "Owner and location preparation for the software" in the "Setting up and using the zSecure Visual Server" chapter in the *Installation and Deployment Guide*.

After establishing program control, restart the server.

BB100018 **The maximum number of users has been reached because there is no user address space storage left**

Explanation

The user address space storage is unavailable. The clients that are currently connected to the server are using up all available user address space. No additional clients can be connected.

BB200004 **The requested program *program* has abended**

Explanation

This message normally indicates that the user does not have permission to execute CKRCARLA or CKGRACF, which causes a system abend 913-38 (access denied by security manager).

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Chapter 19. zSecure Visual log messages

The Visual server log files `server.log`, `server.log`*n*, `bbmini.log`, `bbmini.log`*n*, `bbracf.log`, and `bbracf.log`*n*, as well as the Visual client log files `cesys` and `cesys`*n* contain messages that are each formatted as follows:

```
yyyyMMdd hh:mm:ss utc PpMmVv1.v2.v3.v4LlAaSsEn:id:msgbody
```

The following shows a sample message:

```
<20181210 09:38:54 utc> P399M13V1.0.48.0L534A4S0E11:LDB: Opened database 'CAdbase'
```

yyyyMMdd hh:mm:ss utc	Identifies the UTC year, month, day, hours, minutes, and seconds. This shows when (in UTC) the event occurred that led to the message at hand.
*Pp*M*m*V*v1.v2.v3.v4*L*l*	Gives an exact specification of the origin of an error message, and is useful to people having access to the Visual source code: ***p*** Product tag. ***m*** Category tag. ***v1.v2.v3.v4*** Category version. ***l*** Line number.
A*a*	Audience code.
S*s*	Internal severity code.
E*n*:*id*:*msgbody*	Identifies a message, or a group of messages sharing a message number: ***n*** Message number within the *id* category. ***id*** Category identifier. ***msgbody*** Short description of the event that led to the message at hand.

zSecure Visual messages - "Agent" category

0 **Agent: argv[*index*]: <*parameter*>**

Explanation

: The parameter with index *index* that was passed to the agent is *parameter*.

Severity:
0

10 **Agent: ExitFlag SET: *exit_descr* (*exit_flag*), going exit**

Explanation

The agent is shutting down as a result of having received an *exit_descr*(*exit_flag*) signal.

Severity:
0

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zSecure Visual messages - "CA" category

10 **CA: Exiting. Installation of agent *agent* canceled**

Explanation

The agent is shutting down and as a result, the installation of partner agent *agent* has been canceled.

Severity:
0

45 **CA: Cancellation of Install of agent *agent* failed. Agent was not being installed. Message '*msg_id*' of '*owner*' from adapter '*srcAdapt*' on agent '*srcAgent*' ignored**

Explanation

Using ISPF option SE.W, a one-time password was requested for agent *agent*.

Severity:
0

zSecure Visual messages - "Crm" category

10 **Crm: Opened *log_description*. Product: *product*. Version: *version*. Builddate: *build*. Local time: *localtime*.**

Explanation

The Visual agent started up, logging to file *log_description*.

Severity:
0

15 **Crm: Closed *log_description***

Explanation

The Visual agent has almost shut down, and this is the last message that it has logged to file *log_description*.

Severity:
0

28 **Crm: System ID is *systemID***

Explanation

The Visual server is running on system *systemID*.

Severity:
0

zSecure Visual messages - "CRMCrypt" category

11 **CRMCrypt: generated BBS state**

Explanation

The agent has created a structure that it can employ to generate pseudorandom numbers.

Severity:
0

zSecure Visual messages - "CrmIODB" category

10 **CrmIODB: Could not open file: *filename*; permission denied; the thread does not have access to the specified file, directory, component, or path**

Explanation

The agent was unable to open *filename* because it did not have permission to do so. This should not happen when the agent has been properly installed.

User response

Install the agent again, paying careful attention to the installation instructions and options.

Severity:
12

zSecure Visual messages - "Crypt" category

42 **Crypt: Creating secure channel with agent '*partner*'**

Explanation

The agent is creating a communication channel with agent *partner*. Messages sent over this channel are signed and encrypted.

Severity:
0

44 **Crypt: Ready to receive messages over secure channel with agent '*partner*'**

Explanation

The agent is ready to receive messages over the communication channel between the agent and partner agent *partner*. Messages received over this channel are signed and encrypted.

Severity:
0

45 **Crypt: Secure channel with agent '*partner*' fully active**

Explanation

The agent is ready to send and receive messages over the communication channel between the agent and partner agent *partner*. Messages sent and received over this channel are signed and encrypted.

Severity:
0

zSecure Visual messages - "Dispatch" category

5 **Dispatch: Started adapter '*adapterid*'**

Explanation

An agent component called *adapterid* was successfully started up.

Severity:
0

10 **Dispatch: Stopped adapter '*adapterid*'**

Explanation

An agent component called *adapterid* was successfully shut down.

Severity:
0

zSecure Visual messages - "Engine" category

39 **Engine: Can't delete handler, because engine is empty**

Explanation

This message is issued when the agent is shutting down, and has no impact on agent operation.

Severity:
0

40 **Engine: Can't find handler**

Explanation

This message is issued when the agent is shutting down, and has no impact on agent operation.

Severity:
0

41 **Engine: can't start engine, because engine is empty**

Explanation

The core of the agent cannot be started because of insurmountable errors at startup.

User response

Install the agent again, paying careful attention to the installation instructions and options.

Severity:
12

zSecure Visual messages - "Fdcrmio" category

15 **Fdcrmio: CRMIODriver: error *error* opening database *databasename***

Explanation

An error identified with number *error* occurred when trying to open database *databasename*.

User response

Install the agent again, paying careful attention to the installation instructions and options.

Severity:
12

zSecure Visual messages - "IPCSer" category

30 **IPCSer: Starting '*program arguments*'**

Explanation

The *program* component of the agent is starting up, with arguments *arguments*. This component shows up as a process that is separate from the main agent process.

Severity:
0

60 **IPCSer: Failed to connect with '*dest*' rc:*event***

Explanation

If *dest* is "P:DEST_ANY:49152", *event* is 2500, and the message occurs only once in the log file, a harmless connection failure occurred, and agent startup is not impacted. Otherwise, the connection failure possibly impacts agent startup.

User response

Only if the severity is 24, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0 when *dest* is "P:DEST_ANY:49152", *event* is 2500, and the message occurs only once in the log file; 24 otherwise

zSecure Visual messages - "LCM" category

20 **LCM: Illegal Agent certificate encountered. Exit**

Explanation

A certificate was found to be malformed. There is an error in the certificate database.

User response

Follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

160 **Non-NIST 800-131A compliant certificates are temporarily allowed**

Explanation

The use of certificates that are not NIST 800-131A-compliant is allowed until NIST 800-131A-compliant certificates have been exchanged between the client agent and the server.

Severity:
4

160 **RemoveLCMCertificate: certificate *certificate* has already been removed**

Explanation

An attempt to remove certificate *certificate* failed because the certificate had already been removed.

User response

Follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

160 **RemoveLCMCertificate message: *message***

Explanation

There is a problem with removing an LCM certificate from the database.

User response

Follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

160 **The LCM certificate in current use, *certificate*, is NIST 800-131A compliant.**

Explanation

The *certificate* certificate is compliant with NIST 800-131A.

Severity:
0

160 **The LCM certificate in current use, *serial_number*, is not NIST 800-131A compliant. A new LCM certificate will be generated in about *seconds* seconds.**

Explanation

The agent uses a certificate that is not NIST 800-131A compliant. To make sure the agent will be able to communicate with other agents in NIST 800-131A-compliant mode soon, the agent generates a NIST 800-131A-compliant certificate in *seconds* seconds.

Severity:
4

zSecure Visual messages - "LDB" category

11 **LDB: Opened database '*dbname*'**

Explanation

Database *dbname* was successfully opened.

Severity:
0

12 **LDB: Request Failed (command,status) = (*command*,*error*)**

Explanation

A database request failed. When *command* and *error* are both equal to 802, this does not impact agent operation.

User response

Only if the severity is 24, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0 when both *command* and *error* are equal to 802; 24 when either *command* or *error* is unequal to 802

zSecure Visual messages - "Route" category

125 **Route: Initializing...**

Explanation

The Route adapter, one of the agent's components, is initializing. This will finish soon.

Severity:
0

130 **Route: Exiting... Closing all connections.**

Explanation

Because the agent is shutting down, connections to all of its partner agents are being closed.

Severity:
0

35 **TCPIP Conn: Wrong Argument**

Explanation

A wrong function argument was used internally.

User response

Follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
24

55 **TCPIP Conn: Couldn't find handle to cancel connection for *dest***

Explanation

This message is issued when the agent has almost shut down, and does not impact agent operation.

Severity:
0

230 **TCPIP Conn: can't bind to socket (errno *errno*)**

Explanation

The agent cannot bind to a socket. If the *errno* code is 1115 and there is only one occurrence of the message in the log file, this does not impact agent operation.

User response

Only if the severity is 24, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0 when *errno* is 1115 and the message occurs only once in the log file; 24 when *errno* is not 1115 or there are several occurrences of the message in the log file

245 **TCPIP Conn: EventRecv: no read ?!?, received exception: *event***

Explanation

If *event* is 3, this exception has no impact on agent operation.

User response

Only if the severity is 24, follow the procedures described in "Contacting IBM Support" on page 776 to report the problem.

Severity:
0 when *event* is 3; 24 when *event* is not 3

Chapter 20. Other error messages

This chapter describes the additional error messages that you might encounter when using zSecure Visual. The source of the error messages are denoted by the message prefixes in the following sections.

C errors

The C messages can be a result of incorrect installation or configuration. For information on how to install, set up, and configure the client, see the *IBM Security zSecure Visual: Client Manual*.

LC errors

LC607 **Get Failed.**

Explanation

Local TCP/IP Communication failed. There might be a problem with the local agent, or one of the ports used for TCP/IP communication caused a conflict. To troubleshoot port conflicts: Look up the ports zSecure Visual uses in the server definition (to find it, select **File > Configure** from the main menu). By default the server port number and the server port number + 1 are used. If the local port is defined, local port + 1 will be used instead of server port + 1. Check what ports are in use on your machine by typing the command `netstat -a` at the command prompt. This will show the active connections on the system. To avoid conflicts, the ports used by zSecure Visual should not be in use by another process.

EPR errors

The most probable cause of EPR errors is incorrect configuration of the client or server. For information about configuring the Visual Client, see the *IBM Security zSecure Visual: Client Manual*. For information about configuring the Visual server, see the *IBM Security zSecure CARLa-Driven Components: Installation and Deployment Guide*. You can also use the Test Connection button in the Edit server dialog to verify that the server is running and reachable. Error EPR13052 after logon can be ignored in this version. It occurs when the first logon lasted quite long.

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Appendix A. Support for problem solving

This section describes the following options for obtaining support for IBM products:

- "Searching knowledge bases" on page 775
- "Obtaining fixes" on page 775
- "Registering with IBM Software Support" on page 775
- "Receiving weekly support updates" on page 776
- "Contacting IBM Support" on page 776

Searching knowledge bases

You can often find solutions to problems by searching IBM knowledge bases.

Learn to optimize your search results using the IBM Support Community at www.ibm.com/mysupport/.

In addition to IBM Documentation for zSecure Suite, you can access the following technical resources to help you answer questions and resolve problems:

- Access the IBM Support Community to view technotes, APARs (problem reports) and other related information.
- Access the IBM Redbooks® site to locate current redbooks for zSecure.
- Access the IBM Community to connect via forums, blogs, files and face-to-face networking.

Obtaining fixes

A product fix might be available to resolve your problem. To determine which fixes are available for your IBM Security zSecure software product, follow these steps:

1. Go to the IBM Support Community.
2. In the **Search** field, type: `zSecure recommended fixes`.
3. Select the IBM Security zSecure product of your choice.
4. Select either **Fixes by Version** or **Preventive Service Planning** for the version of your choice.

If none of the descriptions match your problem, in the Search field of the IBM Support Community, supply a search term, error code, or fix or APAR number.

For more information about the types of fixes that are available, see the IBM Support Guide.

Registering with IBM Software Support

Before you can open cases, receive weekly email updates about fixes and other news about IBM products, you must register with IBM Support Community. To register with the IBM Support Community, follow the following steps:

1. Create your IBM account or sign up for an IBMid.
2. Complete the IBM ID registration form and click **Submit**.

The email address that you specify in the form is your user name or IBM ID.

If you experience problems logging in to the IBM Support Community or viewing cases, send an email to mysphelp@us.ibm.com, describing your problem.

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Receiving weekly support updates

Before you can subscribe to the weekly email notification service, you must register with IBM Software Support. See “Registering with IBM Software Support” on page 775.

To receive weekly email notifications about fixes and other software support news, follow these steps:

1. Go to the Stay up to date site at www.ibm.com/software/support/einfo.html.
2. Click on **My notifications** or on the **Subscribe now!** button.
3. In the **Subscribe to notifications** field, type the product name of your choice. As you type, a list of available products is displayed in a drop-down window.
4. Click **Subscribe** for each product that you want to subscribe to.
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6. When you have selected all the products that you are interested in, click the **x** in the top right corner or the drop-down list with the products that you can choose from to close the list. The **Product subscriptions** section now lists all the products that you subscribed to.
7. Click **Delivery preferences** to select the email frequency and format for all your subscriptions. You can also change your email address and choose to include machine translations.

If you experience problems with the **My notifications** feature, send an email to erchelp@ca.ibm.com, describing your problem.

Contacting IBM Support

IBM Support provides assistance with product defects, answers frequently asked questions (FAQs), and helps users resolve problems with the product.

Before contacting IBM Support, your company must have an active IBM software subscription and support contract, and you must be authorized to submit problems to IBM. For information about the types of available software support, see the Support offerings topic in the "*IBM Support Guide*".

To contact IBM Support about a problem, follow the following steps:

1. “Determine the business impact” on page 776
2. “Describe the problem and gather information” on page 777
3. “Submit the problem to IBM Support” on page 777

Determine the business impact

Use the following criteria to understand and assess the business impact of the problem that you are reporting:

Severity 1
The problem has a *critical* business impact. You are unable to use the program, resulting in a critical impact on operations. This condition requires an immediate solution.

Severity 2
The problem has a *significant* business impact. The program is usable, but it is severely limited.

Severity 3
The problem has *some* business impact. The program is usable, but less significant features (not critical to operations) are unavailable.

Severity 4
The problem has *minimal* business impact. The problem causes little impact on operations, or a reasonable circumvention to the problem was implemented.

Describe the problem and gather information

When you report a problem, be as specific as possible. Include all relevant background information so that IBM Software Support specialists can help you solve the problem efficiently. To save time, know the answers to the following questions:

- Which software versions were you running when the problem occurred?
- Do you have logs, traces, and messages that are related to the problem symptoms? IBM Support is likely to ask for this information.
- Can you recreate the problem? If so, what steps were performed to recreate the problem?
- Did you make any changes to the system? For example, did you make changes to the hardware, operating system, networking software, and so on.
- Are you currently using a workaround for the problem? If so, be prepared to explain the workaround when you report the problem.

Submit the problem to IBM Support

You can submit your problem to IBM Software Support in one of two ways:

By Web

To submit your problem by Web, in the IBM Support Community, open a new case. If you are not yet signed in, you must sign in using your IBM ID and password.
For more details, see the information in the IBM Support Community.

By phone

For the phone number to call in your country, go to the Directory of worldwide contacts . Listen carefully to the prompts and always select the option for Software Support including requests for support or questions concerning IBM Security Appliances.

Information about IBM Security products

- IBM Security zSecure Suite documentation
- IBM Support: forums
- IBM Security zSecure Manager for RACF z/VM documentation
- Accessing Product Documentation for IBM Security products
- IBM Security product information on the Internet

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