Content Manager OnDemand

Messages and Codes

IBM

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Contents

About this guide

This reference guide lists the messages and codes that are returned by the IBM®
DB2® Content Manager OnDemand (OnDemand) server programs.

Who should use this guide

This reference guide is of primary interest to OnDemand administrators who
require more detailed information about returned messages.

How this guide is organized

This reference guide lists the messages that are returned by the OnDemand server
programs.

- Part 1, "Server messages," on page 1 lists the messages that are returned by the
  OnDemand server programs.
- Part 2, "OAM support services ABEND codes," on page 175 lists the ABEND
  codes and reason codes that are returned by the OAM component of OnDemand
  for z/OS®, Version 7.1.
- Part 3, "JES spool data capture facility ABEND codes," on page 185 contains
  ABEND codes, reason codes and messages for the ARSYSPIN program.
- Part 4, "ACIF messages," on page 199 lists the messages that are returned by
  ACIF.
- Part 5, "Structured APIs messages," on page 291 lists the messages that are
  returned by the structured APIs.
- Part 6, "XML messages," on page 303 lists the messages that are returned by the
  arsxml command line routine.
- Part 7, "Hints and tips," on page 319 contains troubleshooting scenarios in
  addition to information about the IBM Content Manager OnDemand PDF
  Indexer trace facility, table space file systems, Tivoli® Storage Manager issues,
  and the ARSSOCK debug option.

Conventions

The format for date and time, and the characters used as separators for date and
time, are intended for a system configured to use the United States national
language format (code page 850). These might be different on your display,
depending on the code page used by your system.

ibm.com and related resources

Product support and documentation are available from ibm.com®.

Support and assistance

Product support is available on the Web. Click Support from the product Web site
at:

Content Manager OnDemand for Multiplatforms
    www.ibm.com/software/data/ondemand/mp/support.html

Content Manager OnDemand for z/OS
www.ibm.com/software/data/ondemand/390/support.html

Content Manager OnDemand for IBM i
www.ibm.com/software/data/ondemand/400/support.html

Information Center

You can view the product documentation in an Eclipse-based information center that you can install when you install the product. By default, the information center runs in a Web server mode that other Web browsers can access. You can also run it locally on your workstation. See the information center at: www.ibm.com/software/data/ondemand/mp/support.html

PDF publications

You can view the PDF files online using the Adobe Acrobat Reader for your operating system. If you do not have Acrobat Reader installed, you can download it from the Adobe Web site at www.adobe.com.

You can find PDF publications at: http://www.ibm.com/support/ docview.wss?rs=129&uid=swg27017159

Accessibility information for OnDemand

For complete information about accessibility features that are supported by this product, see your *Administration Guide*.

How to send your comments

Your feedback helps IBM to provide quality information. Please send any comments that you have about this publication or other OnDemand documentation. Visit the IBM Data Management Online Reader's Comment Form (RCF) page at www.ibm.com/software/data/rcf.

If you would like to help IBM make Content Manager OnDemand easier to use, take the consumability survey at http://www.ibm.com/software/data/info/ consumability-survey/.

Be sure to include the name of the product, the version number of the product, and the name of the book. If you are commenting on specific text, please include the location of the text (for example, a chapter and section title, a table number, a page number, or a help topic title).

Part 1. Server messages

Chapter 1. Introduction to server messages

You can use the information in this publication to identify OnDemand server errors or problems and resolve them by using the appropriate recovery action.

Other message sources

Some server components return messages that are not described in this publication. Some of the message might include:

- Operating system
- Database manager
- Archive storage manager
- Server print manager

In most cases, these messages provide sufficient information to determine the cause of the warning or error. For more information about the product that generated the messages, see the appropriate manual where the product is documented. It is assumed that you are familiar with the functions of the operating system, database management product, archive storage manager, and server print manager that you are using with OnDemand. You should use the documentation provided for each of these products to identify errors or problems and resolve them by using the appropriate recovery actions.

When running other programs on the system, you might receive messages other than those mentioned in this reference. For information about these messages, see the publications that you received for that program product.

Message identifiers

The OnDemand programs issue the same messages for AIX®, HP-UX Itanium, i5/OS®, Sun Solaris Operating Environment (hereinafter referred to as Solaris), Windows, and z/OS.

The format of the message identifier is **ARS***nnnnt*, where:

ARS   The message prefix for OnDemand messages.

nnnn   The message number

t   The type and severity of the message. One of the following values:

> **A** – Alert message. A warning for an administrator to take action to avoid performance and reliability problems.
>
> **D** – Debug message. Contains information that an administrator can use to help service and development resolve problems.
>
> **E** – Error message. Occurs when an OnDemand server program fails.
>
> **I** – Informational message. Issued by the OnDemand server when a program completes successfully. These messages can assist in providing an audit trail.
>
> **W** – Warning message. Issued by the OnDemand server when the results of a program might be in question.

The messages that are written to the Content Manager OnDemand System Log do not contain the ARS prefix and the type suffix. For example, the message that is associated with the failure of a load process would be written as 88 to the system log, while it is listed as ARS0088E in this publication. However, 88 and ARS0088E are one and the same message.

In this publication, the messages and explanations are listed according to the four-digit message numbers (for example, 0088).

Chapter 2. Common server messages

The following messages are issued by the OnDemand server programs.

Unless otherwise stated, all error codes described here are internal error codes used by IBM service and IBM development. A return code of 0 (zero) means that the OnDemand program completed processing without any errors. Unless otherwise stated in a specific message explanation or response, any other return code means that the OnDemand program failed.

Note: Messages 5200 through 5399 are used by the OnDemand for z/OS Version 7.1 migration and are documented in the *IBM Content Manager OnDemand for z/OS: Migration Guide*.

ARS0013E   **DB Error:** *db_text* **-- SQLSTATE=**sqlstate**, SQLCODE=**sqlcode**, File=**file**, Line=**line

Explanation: The database failed and provided the given information. The messages and codes publication for the database manager product that you are using might provide additional information, including information about database errors and SQL return codes.

Example:
```
DB Error: Column PATIENT# not in specified tables. -- SQLSTATE=42703, SQLCODE=-206, File=arsdoc.c,
Line=624
DB Error: Row not found for UPDATE. -- SQLSTATE=02000, SQLCODE=100, File=arsdoc.c, Line=1682
DB Error: Warning:  Unexpected SQL_NO_DATA -- SQLSTATE=Not Defined, SQLCODE=100, File=arsdoc.c, Line=1718
```

User response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors and SQL return codes.

ARS0014I   **DB Info:** *text*

Explanation: The *text* information is provided by the database manager. The messages and codes publication for the database manager product that you are using might provide additional information, including information about database errors and SQL return codes.

User response: See the messages and codes publication of the database manager product that you are using with OnDemand.

ARS0015E   **Unable to find SMS tablespace filesystems. Either the defined SMS filesystems are full or there are no SMS filesystems defined.**

Explanation: No storage management subsystem (SMS) filesystems have been defined in ars.dbfs, or the SMS filesystems are full or have the wrong permissions. SMS filesystems need to have read-write-execute permissions for the database owner.

User response: Verify the configuration of the SMS filesystem. Either define SMS filesystems or extend the existing SMS filesystems. Verify that the permissions are correct. Then restart the server and resubmit the command.

ARS0016E   **Unable to allocate enough DMS filesystem space for table. Need(**needed_extents**), Available(**available_extents**), Extent(**extent_size**)**

Explanation: There is not enough document management system (DMS) filesystem space available to complete the command.

User response: Define more DMS filesystems. Then restart the server and resubmit the command.

ARS0020E   **SM Error:** *text*, **RC=***return_code*, **Reason=***reason*, **File=***file*, **Line=***line*

Explanation: The storage manager failed. The SM Error portion of this message contains the error message provided to OnDemand by the storage manager in use. The messages and codes publication of the storage manager might provide additional information.

Example 1:

```
SM Error: ASM FAILED TO RETRIEVE OBJECT, RC=2, Reason=0, File=arssmsms.C, Line=789
Srvr->rdr400m.raleigh.ibm.com 10.37.63.53<-
```

Example 2:

```
ARS0020E  SM Error: RC=9, REASON=0, FILE=ARSSMSMS.C, LINE=431
```

Example 3:

```
SM Error: ARSMVSDW: 0000000B(0000000C-7404FCDB) PROD.ONDEMAND.DATA(BAA.R11),
RC=11, REASON=0, FILE=ARSSMSMS.C, LINE=304 SRVR->SERVER.FQDN.COM 10.10.1.2<-
```

When the reason code is 11 in an ARS0020E message, the value in the first parenthetical expression (0000000C-7412FCDB) corresponds to the OAM return code and reason code (*return_code-reason_code*). In this example, the following list explains the value:

- The OAM return code is 12 (X'C).
- Byte 0 of the OAM reason code is X'74, which indicates a DB2 error.
- Bytes 2 and 3 of the OAM reason code are X'FCDB. Convert it to decimal, which is -805. Look up -805 in the DB2 messages and codes book, which is message DBRM OR PACKAGE NAME *location-name.collection-id.dbrm-name.consistency-token* NOT FOUND IN PLAN *plan-name*. REASON *reason-code*.

An alternative way to identify the OAM return code and reason code is to issue the following TSO OSREQ command. Specify the collection and object names from the ARS0020E message:

```
OSREQ QUERY PROD.ONDEMAND.DATA BAA.R11
OSREQ QUERY unsuccessful. Return code = 0000000C, reason code = 7412FCDB.
OSREQ QUERY response time is 53 milliseconds.
```

When the reason code is 10 in an ARS0020E message, the value in parentheses is an internal diagnostic code used by IBM Support.

Example 4:

In the following example, OAM passes the corresponding DB2 errors to Content Manager OnDemand through the OAM OSREQ MSGAREA:

```
SM Error: ARSMVSRE: 0000000B(0000000C-8802FC78) PROD.ONDEMAND.
 DATA(BAA.R11) OAM OSREQ MSGAREA:  DSNT408I SQLCODE =
 -904, ERROR:  UNSUCCESSFUL EXECUTION CAUSED BY AN
 UNAVAILABLE RESOURCE. REASON 00C90081, TYPE OF RESOURCE
   00000200, AND RESOURCE NAME GROUP00 .OSMOTS04
 DSNT418I SQLSTATE   = 57011 SQLSTATE RETURN CODE
   DSNT415I SQLERRP    = DSNXRINS SQL PROCEDURE DETECTING ERROR
     DSNT416I SQLERRD    = -110  13172746  0  13223106  -974970879
 12714050         SQL DIAGNOSTIC INFORMATION
          DSNT416I SQLERRD    = X'FFFFFF92'  X'00C9000A'  X'00000000'
 X'00C9C4C2'  X'C5E32001'  X'00C20042' SQL
 DIAGNOSTIC                  INFORMATION
 , RC=11, REASON=0, FILE=ARSSMSMS.C, LINE=304 SRVR->WWW.EXAMPLE.COM 127.0.0.1<-
```

As in example 3, the value in the first parenthetical expression corresponds to the OAM return code and reason code. However, the OAM OSREQ MSGAREA displays the corresponding DB2 errors so that you do not need to convert X'0000000C-8802FC78' to decimal and then look up the return codes and reason codes in the OAM or DB2 publications. If you did convert X'0000000C-8802FC78' and look up return codes and reason codes, the following list explains the results:

- The OAM return code is X'C'.
- Byte 0 of the OAM reason code is X'88', which indicates a DB2 error.

| • Bytes 2 and 3 of the OAM reason code are X'FC78'. Convert X'FC78' to decimal, which is -904. Look up -904 in the
| DB2 messages and codes book, which is UNSUCCESSFUL EXECUTION CAUSED BY AN UNAVAILABLE RESOURCE. REASON
| reason-code, TYPE OF RESOURCE resource-type, AND RESOURCE NAME resource-name.

| The OAM OSREQ MSGAREA displays SQLCODE -904 with values for *reason-code*, *resource-type*, and *resource-name*:
| UNSUCCESSFUL EXECUTION CAUSED BY AN UNAVAILABLE RESOURCE. REASON 00C90081, TYPE OF RESOURCE 00000200, AND
| RESOURCE NAME GROUP00 .OSMOTS04.

| **Example 5:**

```
SM Error: ANS0266I (RC2302) The dsmEndTxn is ABORT, so check the reason field.,
RC=2302, Reason=29, File=arssmsms.C, Line=744, Srvr->spnode05<-
An error occurred. Contact your System Administrator and/or consult the
System Log. File=arsadmin.c, Line=576
Unable to store the object >2339FAAA<. Object size 239831.
Loaded 0 rows into the database.
ars_load: Thu Oct 28 17:31:04 BST 2003 -- Loading failed
```

User response: See the messages and codes publication of the storage manager product that you are using with OnDemand for information about the SM Error, RC, and Reason.

Example 1: Check the Archive Storage Manager (ASM) joblog for more information.

Example 2: RC=9 indicates that OnDemand OAM support is not enabled. Check that the following ars.cfg parameters are set correctly (shown here with sample values):

```
ARS_NUM_OAMSRVR=4
ARS_OAM_DB2SSID=DSNA
ARS_OAM_PLAN=CBRIDBS
```

ARS_NUM_OAMSRVR specifies the number of OAM interface tasks to create within the ARSSOCKD address space. A value of zero disables all OAM support within OnDemand. 4 is a typical value.

ARS_OAM_DB2SSID specifies the name of the DB2 subsystem with which OAM interacts. The DB2 subsystem name must be the same as the name that is specified as the operand of the DB2SSID parameter within the IGDSMSxx member of SYS1.PARMLIB. See the OAM *Planning, Installation and Storage Administration Guide for Object Support* (SC35-0391) for further details.

ARS_OAM_PLAN specifies the name of the DB2 application plan used by OAM. See the OAM *Planning, Installation and Storage Administration Guide for Object Support* (SC35-0391) for further details.

Example 3: It is likely that a bind is needed for the CBRIDBS plan. If you recently applied OAM maintenance, ensure that binds that are indicated by hold data are performed.

| **Example 4:** The OAM OSREQ MSGAREA text indicates that table space GROUP00.OSMOTS04 is stopped. Start that
| table space.

| **Example 5:** The error is a symptom of having no optical platters available for the storage set that is used by the
| Application Group. Verify the following settings:
| • Scratch platters are available.
| • The *max-scratch* value is set high enough.
| • The platters in the storage pool have read and write permission.

ARS0021E   **Unable to store data to cache because there is no cache defined**

Explanation: There are no cache storage filesystems defined on the system. See your *Installation and Configuration Guide* for information about defining cache storage filesystems.

User response: Define and configure one or more cache storage filesystems. Then restart the server and resubmit the command.

ARS0022E   **Unable to delete the Application Group >***appl_group_name***<. You must manually delete the TSM filespace >***file_space_name***< with TSM utilities**

Explanation: The storage manager failed because the application group data could not be deleted from Tivoli Storage Manager. If the owner of the OnDemand instance is not root, when a user deletes an application group, OnDemand will delete the application group tables from the OnDemand database but will not delete the application group data from Tivoli Storage Manager.

User response: To delete the application group data from Tivoli Storage Manager, log on to Tivoli Storage Manager and use its utilities to delete the file space that is associated with the application group. The name of the files pace is specified in the message. See your Tivoli Storage Manager documentation for details and instructions.

ARS0023E   **Object >***object_name***< in Application Group >***appl_grp_name***< not found in cache, no other storage defined**

Explanation: The object no longer exists in the OnDemand cache and no other storage manager was defined to store the data. The data was expired. Depending on how the application group index expiration was configured, the index information will also expire in the future.

Example:

```
Object >1FAAA< in Application Group >LOANS< not found in cache, no other storage defined
Srvr->rdr400m.raleigh.ibm.com 10.37.63.53<-
```

User response: Verify the storage management configuration on the system and verify the storage management settings for the specified application group.

ARS0024E   **Object >***object_name***< in Application Group >***appl_grp_name***< not found in node >***node_name***<**

Explanation: The object cannot be found in the specified storage node. The data expired from the storage node.

Example:

```
Object >2FAA< in Application Group >JIF< not found in node >PriForever<  Srvr->everest.ibm.com<-
```

User response: Verify the storage management settings for the specified application group.

ARS0025E   **Unable to store data because the cache is full**

Explanation: The cache storage filesystems are full.

User response: Add or extend the cache storage filesystems. Then restart the server and resubmit the command.

To check for insufficient space on the filesystems, complete the following steps:

1. Look at the cache configuration file (for example, `ars.cache`) that is pointed to by the SRVR_SM_CFG parameter in `/opt/IBM/ondemand/V9/config/ars.ini`.
2. Check the directory or directories specified in `ars.ini` for available space.
3. Use the USS command `df -kP /ars1` (where `/ars1` is a directory specified in `ars.cache`) to see how much cache space remains.

ARS0026E   **Unable to perform action because this server is cache only and does not support the Storage Management Subsystem**

Explanation: The system is configured for cache only. However, the storage node definitions are pointing to a storage manager that is not configured.

User response: Either define and configure the storage manager or change the storage node to be cache only. Then restart the server and resubmit the command.

ARS0027E   **Unable to load the TSM dynamic load library**

Explanation: The command failed when attempting to load the Tivoli Storage Manager dynamic load library.

User response: Verify that Tivoli Storage Manager is correctly installed and configured. Then restart the server and resubmit the command.

ARS0030I   Login: *hostname*

Explanation: A client successfully logged on to the server. This message is for your information only.

Example:

Login: dyna.raleigh.ibm.com 9.34.172.252

User response: No action is required.

ARS0031W   Failed login: *hostname*

Explanation: A client failed when attempting to log on to the server.

Example 1:

Failed login: stled32.stl.ibm.com 9.112.32.132

If there is no hostname parameter in the message this indicates that the process is running using the NOTCPIP option.

Example 2:

ARS0031W ONDUSR1 FAILED LOGIN: [blank]

In this example, the userid appears before the *Failed login:* text. This indicates that the Content Manager OnDemand system log was unavailable to the process and this message was issued as a Write To Operator (WTO).

User response: Verify the user ID, password, and server selection. Passwords might be case sensitive. Then resubmit the command.

ARS0032I   Logoff

Explanation: A client logged off from the server. This message is for your information only.

User response: No action is required.

ARS0033I   Logoff Timeout

Explanation: The server forced a client to log off from the server because the client did not perform an action on the server within the interval of time that is specified by the Inactivity Time Out value.

User response: Log off from the server and log back on to the server. Then resubmit the command. A system administrator can increase the Inactivity Time Out value for this or any other server in the Content Manager OnDemand administrative client. See the online help in the Content Manager OnDemand administrative client for more information.

ARS0034I   User Add: Userid(*user_name***) Id(***uid***)**

Explanation: The specified user was added to the system. This message is for your information only.

Example:

User Add: Userid(TBROWN) Id(3)

User response: No action is required.

ARS0035I   User Delete: Userid(*user_name***) Id(***uid***)**

Explanation: The specified user was deleted from the system. This message is for your information only.

Example:

User Delete: Userid(SBOWMAN) Id(5)

User response: No action is required.

ARS0036I   **User Update: Userid(***user_name***) Id(***uid***)**

Explanation: The specified user was updated. This message is for your information only.

Example:

```
User Update: Userid(TBROWN) Id(3)
```

User response: No action is required.

ARS0037I   **User Update with new Password: Userid(***user_name***) Id(***uid***)**

Explanation: The specified user's password was successfully updated. This message is for your information only.

Example:

```
User Update with new Password: Userid(QONDADM) Id(1)
```

User response: No action is required.

ARS0038W   **User Failed Update with new Password: Userid(***user_name***) Id(***uid***)**

Explanation: An attempt to update the specified user's password failed.

Example:

```
User Failed Update with new Password: Userid(QONDADM) Id(1)
```

User response: Verify the user ID and the new password and then resubmit the command.

ARS0039I   **Group Add: Group(***group_name***) Id(***gid***)**

Explanation: The specified group was added to the system. This message is for your information only.

Example:

```
Group Add: Group(SUPPORT) Id(80102)
```

User response: No action is required.

ARS0040I   **Group Delete: Group(***group_name***) Id(***gid***)**

Explanation: The specified group was deleted from the system. This message is for your information only.

Example:

```
Group Delete: Group(Accounting) Id(80021)
```

User response: No action is required.

ARS0041I   **Group Update: Group(***group_name***) Id(***gid***)**

Explanation: The specified group was updated. This message is for your information only.

Example:

```
Group Update: Group(ACCOUNTING) Id(80001)
```

User response: No action is required.

ARS0042I   **User to Group Add: User(***user_name***) Id(***uid***), Group(***group_name***) Id(***gid***)**

Explanation: The specified user was added to the specified group. This message is for your information only.

Example:

```
User to Group Add: User(Accounting) Id(80021), Group(D:\7107\arc\admin\Arsadmin.cpp) Id(3047)
User to Group Add: User(CALLEN) Id(4), Group(Accounting) Id(80021)
```

User response: No action is required.

ARS0043I   **User to Group Delete: User(***user_name***) Id(***uid***), Group(***group_name***) Id(***gid***)**

Explanation: The specified user was deleted from the specified group. This message is for your information only.

Example:

```
User to Group Delete: User(CALLEN) Id(4), Group(Accounting) Id(80021)
```

User response: No action is required.

ARS0044I   **Folder Add: Name(***folder_name***) Fid(***fid***)**

Explanation: The specified folder was added to the system. This message is for your information only.

Example:

```
Folder Add: Name(CHKSTMTS1R) Fid(5015)
```

User response: No action is required.

ARS0045I   **Folder Delete: Fid(***fid***)**

Explanation: The specified folder was deleted from the system. This message is for your information only.

Example:

```
Folder Delete: Fid(TENANT)
Folder Delete: Fid(5487)
```

User response: No action is required.

ARS0046I   **Folder Update: Name(***folder_name***) Fid(***fid***)**

Explanation: The specified folder was updated. This message is for your information only.

Example:

```
Folder Update: Name(Check Statements Folder) Fid(5064)
```

User response: No action is required.

ARS0047I   **Application Group to Folder Add: Agid(***agid***) Aid(***aid***) Fid(***fid***)**

Explanation: The specified application group was added to the specified folder. This message is for your information only.

Example:

```
ApplGroup to Folder Add: Agid(5028) Aid(0) Fid(5030)
```

User response: No action is required.

ARS0048I   **Application Group to Folder Delete: Agid(***agid***) Aid(***aid***) Fid(***fid***)**

Explanation: The specified application group was deleted from the specified folder. This message is for your information only.

User response: No action is required.

ARS0049I   **Application Group to Folder Update: Agid(***agid***) Fid(***fid***)**

Explanation: The specified application group was updated in the specified folder. This message is for your information only.

User response: No action is required.

ARS0050I   **Id to Folder Add: Id(***id***) Fid(***fid***)**

Explanation: Permissions were added to the specified folder for the user or group with the specified ID. This message is for your information only.

Example:

Id to Folder Add: Id(2) Fid(5015)

User response: No action is required.

ARS0051I   **Id to Folder Delete: Id(***id***) Fid(***fid***)**

Explanation: Permissions were deleted from the specified folder for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0052I   **Id to Folder Update: Id(***id***) Fid(***fid***)**

Explanation: Permissions were updated in the specified folder for the user or group with the specified ID. This message is for your information only.

Example:

Id to Folder Update: Id(MERCH20) Fid(5065)

User response: No action is required.

ARS0053I   **Application Group Add: Name(***appl_grp_name***) Agid(***agid***)**

Explanation: The specified application group was added to the system. This message is for your information only.

Example:

ApplGroup Add: Name(PatChecks) Agid(5174)

User response: No action is required.

ARS0054I   **Application Group Delete: Name(***appl_grp_name***) Agid(***agid***)**

Explanation: The specified application group was deleted from the system. This message is for your information only.

Example:

ApplGroup Delete: Name(RD4575) Agid(5061)

User response: No action is required.

ARS0055I   **Application Group Update: Name(***appl_grp_name***) Agid(***agid***)**

Explanation: The specified application group was updated. This message is for your information only.

Example:

ApplGroup Update: Name(LUMBER) Agid(5016)

User response: No action is required.

ARS0056I   **Id to Application Group Add: Id(***id***) Agid(***agid***)**

Explanation: Permissions were added to the specified application group for the user or group with the specified ID. This message is for your information only.

Example:

Id to ApplGroup Add: Id(29) Agid(15224)

User response: No action is required.

ARS0057I   **Id to Application Group Delete: Id(***id***) Agid(***agid***)**

Explanation: Permissions were deleted from the specified application group for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0058I   **Id to Application Group Update: Id(***id***) Agid(***agid***)**

Explanation: Permissions were updated in the specified application group for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0059I   **Application to Application Group Add: Name(***appl_name***) Aid(***aid***) Agid(***agid***)**

Explanation: The specified application was added to the specified application group. This message is for your information only.

Example:

Appl to ApplGroup Add: Name(CHECKSTMTS) Aid(5514) Agid(5512)

User response: No action is required.

ARS0060I   **Application to Application Group Delete: Aid(***aid***) Agid(***agid***)**

Explanation: The specified application was deleted from the specified application group. This message is for your information only.

Example:

Appl to ApplGroup Delete: Aid(PATBILLS) Agid(5044)

User response: No action is required.

ARS0061I   **Application to Application Group Update: Name(***appl_name***) Aid(***aid***) Agid(***agid***)**

Explanation: The specified application was updated in the specified application group. This message is for your information only.

Example:

Appl to ApplGroup Update: Name(CHECKSTMTS) Aid(5063) Agid(5062)

User response: No action is required.

ARS0062I   **Id to Appl Add: Id(***id***) Aid(***aid***) Agid(***agid***)**

Explanation: Logical views were added to the specified application for the user with the specified ID. This message is for your information only.

Example:

Id to Appl Add: Id(17) Aid(5057) Agid(5056)

User response: No action is required.

ARS0063I   **Id to Appl Delete: Id(***id***) Aid(***aid***) Agid(***agid***)**

Explanation: Logical views were deleted from the specified application for the user with the specified ID. This message is for your information only.

User response: No action is required.

ARS0064I   Id to Appl Update: Id(*id*) Aid(*aid*) Agid(*agid*)

Explanation: Logical views were updated in the specified application for the user with the specified ID. This message is for your information only.

Example:

Id to Appl Update: Id(10) Aid(5027) Agid(5024)

User response: No action is required.

ARS0065I   Application Group Query: Name(*appl_grp_name*) Agid(*agid*) Sql(*sql*) SqlR(*sql_restrict*) TextSearch(*text_search_str*) AnnColor(*ann_color*) AnnText(*ann_text*)

Explanation: A query was run against the specified application group. This message is for your information only.

Example:

ApplGroup Query: Name(QPJOBLOG) Agid(5081) Sql(WHERE jobdate BETWEEN 11470 AND 11654) SqlR()
TextSearch( ) AnnColor(-1) AnnText()

User response: No action is required.

ARS0066I   Application Group Document Get: Name(*appl_grp_name*) Agid(*agid*) ApplName(*appl_name*) Aid(*aid*) NodeName(*node_name*) Nid(*nid*) Server(*server*) Time(*time*) Flds(*fields*)

Explanation: A document was retrieved from the specified application group. This message is for your information only.

Example:

ApplGroup DocGet: Name(QPJOBLOG) Agid(5081) ApplName(QPJOBLOG) Aid(5082) NodeName(-CACHE-) Nid(1)
Server(-LOCAL-) Time(0.322) Flds()

User response: No action is required.

ARS0067I   Application Group Resource Get: Name(*appl_grp_name*) Agid(*agid*) NodeName(*node_name*) Nid(*nid*) Server(*server*) Time(*time*)

Explanation: A resource was retrieved from the specified application group. This message is for your information only.

Example:

ApplGroup ResGet: Name(INS) Agid(6843) NodeName(-CACHE-) Nid(25) Server(-LOCAL-) Time(0.069)

User response: No action is required.

ARS0068I   Annotation Add: Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was added to the specified application group. This message is for your information only.

Example:

Annotation Add: Name(CHECKSTMTS) Agid(5081)

User response: No action is required.

ARS0069I   Annotation Id Add: Id(*id*) Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was added to the specified application group for the user or group with the specified ID. This message is for your information only.

Example:

Annotation Id Add: Id(3) Name(FLASHSALES) Agid(5015)

User response: No action is required.

ARS0070I   Annotation Delete: Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was deleted from the specified application group. This message is for your information only.

User response: No action is required.

ARS0071I   Annotation Id Delete: Id(*id*) Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was deleted from the specified application group for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0072I   Named Query Add: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was added to the system. This message is for your information only.

User response: No action is required.

ARS0073I   Id Named Query Add: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was added to the system for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0074I   Named Query Delete: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was deleted from the system. This message is for your information only.

User response: No action is required.

ARS0075I   Id Named Query Delete: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was deleted from the system for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0076I   Named Query Update: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was updated. This message is for your information only.

User response: No action is required.

ARS0077I   Id Named Query Update: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was updated for the user or group with the specified ID. This message is for your information only.

User response: No action is required.

ARS0078I   System Update

Explanation: This message is for your information only.

User response: No action is required.

ARS0079I   **Application Group Document Delete: Name(**appl_grp_name**) Agid(**agid**) Flds(**fields**)**

Explanation: A document was deleted from the specified application group. This message is for your information only.

User response: No action is required.

ARS0080I   **Application Group Document Update: Name(**appl_grp_name**) Agid(**agid**) OrigFlds(**original_fields**) UpdFlds(**updated_fields**)**

Explanation: A document was updated in the specified application group. This message is for your information only.

Example:

```
ApplGroup DocUpdate: Name(INVOICES) Agid(5056) OrigFlds(951807600,'RED','') UpdFlds(951807600,'GREEN','')
```

User response: No action is required.

ARS0081I   **Application Group Object Retrieve: Name(**appl_grp_name**) Agid(**agid**) ObjName(**object_name**) NodeName(**node_name**) Nid(**nid**) Server(**server**) Off(**offset**) Len(**length**) Time(**time**)**

Explanation: The specified storage object was retrieved from the specified application group. This message is for your information only.

Example:

```
ApplGroup ObjRetrieve: Name(APM00280) Agid(5016) ObjName(2FAAA) NodeName(-CACHE-) Nid(1)
Server(-LOCAL-) Off(0) Len(33778) Time(0.013)
```

User response: No action is required.

ARS0082I   **Application Group Object Store: Name(**appl_grp_name**) Agid(**agid**) NodeName(**node_name**) Nid(**nid**) Server(**server**) ObjName(**object_name**) Time(**time**)**

Explanation: The specified storage object was stored in the specified application group. This message is for your information only.

Example:

```
ApplGroup ObjStore: Name(CHECKS2) Agid(5028) NodeName(-CACHE-) Nid(1) Server(-LOCAL-) ObjName(2)
Time(0.852) ApplGroup ObjStore: Name(CHKSTMTS1R) Agid(5017) NodeName(TESTMP) Nid(2) Server(-LOCAL-)
ObjName(1494FAAA) Time(1.230)
```

User response: No action is required. For more information about this message, see Chapter 14, "Troubleshooting scenarios," on page 321.

ARS0083I   **Application Group Object Store Append: Name(**appl_grp_name**) Agid(**agid**) NodeName(**node_name**) Nid(**nid**) Server(**server**) ObjName(**object_name**) CompOff(**compress_offset**) CompLen(**compress_length**)**

Explanation: The specified storage object was updated. This message is for your information only.

User response: No action is required.

ARS0084I   **Application Group Unload Database: Name(**appl_grp_name**) Agid(**agid**) LoadId(**load_id-start_date-stop_date**) Rows Deleted(**rows_deleted**)**

Explanation: A report was deleted from the database. The message identifies the load ID, which represents the report in the system, the application group, and the number of rows that were deleted from the database. This message is for your information only.

Example:

```
ApplGroup Unload DB: Name(CHKSTMTS1R) Agid(5017) LoadId(756FAA-11311-11311) Rows Deleted(25)
```

User response: No action is required.

ARS0085I   **Application Group Unload Storage Manager: Name(***appl_grp_name***) Agid(***agid***) NodeName(***node_name***) Nid(***nid***) Server(***server***) LoadId(***load_id***) Objects Deleted(***objects_deleted***)**

Explanation: A report was deleted by the storage manager. The message identifies the load ID, which represents the report in the system, the application group, storage node, and number of objects that were deleted. This message is for your information only.

Example:

```
ApplGroup Unload SM: Name(CHKSTMTS1R) Agid(5017) NodeName(-CACHE-) Nid(0) Server(-LOCAL-) LoadId(756FAA)
Objects Deleted(1)
```

User response: No action is required.

ARS0086I   **Application Group Load Database: Name(***appl_grp_name***) Agid(***agid***) Rows(***rows***)**

Explanation: A report was loaded into the database. The message identifies the application group and the number of rows that were loaded into the database. This message is for your information only.

Example:

```
ApplGroup Load DB: Name(CHECKS2) Agid(5028) Rows(100)
```

User response: No action is required.

ARS0087I   **Application Group Load: Name(***appl_grp_name***) LoadId(***load_id***) File(***file***) InputSize(***input_size***) OutputSize(***output_size***)**

Explanation: A report was loaded into the system. The message identifies the application group, the input file, and the load ID. This message is for your information only.

Example:

```
ApplGroup Load: Name(MOSUNPO) LoadId(5535-2-0-1FAA-12349-12349) File(/QIBM/USERDATA/ONDEMAND/QUSROND/
TMP/SP_MOSUNPO_WTH7HTWCXA_DBRYANT_064315_000009_RDR400M_1031023_210136) InputSize(225789)
OutputSize(16380)
```

User response: No action is required.

ARS0088E   **Application Group Failed Load: Name(***appl_grp_name***) LoadId(***load_id***) File(***file***)**

Explanation: The load process failed.

Example:

```
ApplGroup Failed Load: Name(LATECHARGE) LoadId() File(/QIBM/USERDATA/ONDEMAND/QUSROND/TMP/
SP_QPRLR133_QPRTJOB_DBRYANT_001467_000022_RDR400M_1021226_132052)
```

User response: See the other messages that were generated by the ARSLOAD program and see messages in the Content Manager OnDemand System Log to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0089I   **CD-ROM Creation Manifest: Volume(***volume***)**

Explanation: A CD-ROM manifest was created with the specified volume label. This message is for your information only.

User response: No action is required.

ARS0090I   **BulkProcess: Time(***time***)**

Explanation: This message is for your information only.

Example:

```
BulkProcess: Time(1.798)  Srvr->RDR400M.RALEIGH.IBM.COM 9.37.176.228<-
```

User response: No action is required.

ARS0091I   **BulkPrint: Time(**_time_**)**

Explanation: This message is for your information only.

Example:

```
BulkPrint: Time(1.766)  Srvr->rdr400m.raleigh.ibm.com 9.37.176.228<-

BULK DOCUMENT RETRIEVAL
Application Group    Agid Flds->Handle -------------------------------------------------------------
PATINFO01               5014 ->7FAAA,3852,968,0,3272,0x4E,0x4F,0,1,0
```

User response: No action is required.

ARS0092I   **StorageNode Add: Name(**_node_name_**) Server(**_server_**) Nid(**_nid_**) Sid(**_sid_**)**

Explanation: The specified storage node was added to the system. This message is for your information only.

User response: No action is required.

ARS0093I   **StorageNode Delete: Name(**_node_name_**) Server(**_server_**) Nid(**_nid_**) Sid(**_sid_**)**

Explanation: The specified storage node was deleted from the system. This message is for your information only.

User response: No action is required.

ARS0094I   **StorageNode Update: Name(**_node_name_**) Server(**_server_**) Nid(**_nid_**) Sid(**_sid_**)**

Explanation: The specified storage node was updated. This message is for your information only.

User response: No action is required.

ARS0095I   **StorageSet Add: Name(**_set_name_**) Sid(**_sid_**)**

Explanation: The specified storage set was added to the system. This message is for your information only.

User response: No action is required.

ARS0096I   **StorageSet Delete: Name(**_set_name_**) Sid(**_sid_**)**

Explanation: The specified storage set was deleted from the system. This message is for your information only.

User response: No action is required.

ARS0097I   **StorageSet Update: Name(**_set_name_**) Sid(**_sid_**)**

Explanation: The specified storage set was updated. This message is for your information only.

User response: No action is required.

ARS0100I   **Printer Add: Name(**_printer_name_**) Queue(**_queue_**) Pid(**_pid_**)**

Explanation: The specified server printer was added to the system. This message is for your information only.

Example:

```
Printer Add: Name(QPRINT2) Queue(QGPL/QPRINT2) Pid(5098)
```

User response: No action is required.

ARS0101I   **Printer Delete: Name(**_printer_name_**) Queue(**_queue_**) Pid(**_pid_**)**

Explanation: The specified server printer was deleted from the system. This message is for your information only.

Example:

```
Printer Delete: Name(QPRINT2) Queue(QGPL/QPRINT2) Pid(5098)
```

User response: No action is required.

ARS0102I   **Printer Update: Name(***printer_name***) Queue(***queue***) Pid(***pid***)**

Explanation: The specified server printer was updated. This message is for your information only.

Example:

```
Printer Update: Name(QPRINT2) Queue(QGPL/QPRINT2) Pid(5098)
```

User response: No action is required.

ARS0103I   **Application Group Document Add: Name(***appl_grp_name***) Agid(***agid***) Flds(***fields***)**

Explanation: A document was added to the specified application group. This message is for your information only.

Example:

```
ApplGroup DocAdd: Name(dkw-CommonStore) Agid(15796)Flds(955512000,'DEB','doc_add_test')
```

User response: No action is required.

ARS0106E   **OnDemand failed to unlink the file >***file***<. The error number is** *errno*

Explanation: An error occurred while this program was running.

The specified file does not exist, or the OnDemand instance owner does not have permission to access it. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400® systems.

Example:

```
Unlink failed for file >/QIBM/USERDATA/ONDEMAND/QUSROND/CACHE/retr/KCA/RES/1FAA1<.  errno=3025
Srvr->rdr400m.raleigh.ibm.com 10.37.63.53<-
```

User response: Verify that the file exists and that the OnDemand instance owner has permission to access it. Also verify that the link is valid. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0107E   **An unknown file or directory was found in the OnDemand cache >***path_name***<**

Explanation: An error occurred while this program was running.

Example:

```
Unknown file/dir in cache >/arscache1/everest<  Srvr->rdr400m.raleigh.ibm.com 10.37.63.53<-
```

User response: Remove the file from the OnDemand cache. If the problem persists, contact your IBM Service Representative.

ARS0108E   **Unable to validate library server**

Explanation: The library and object servers failed to validate that they belong to the same OnDemand instance.

Example:

```
Unable to validate library server  Srvr->RDR400M.RALEIGH.IBM.COM<-
```

User response: Verify that the OnDemand instance is properly configured. Restart the servers. If the problem persists, contact your IBM Service Representative.

ARS0109I   **Cache Expiration: Internal Date(***internal_date***) MinPct(***minimum_percentage***) MaxPct(***maximum_percentage***) Server(***server***)**

Explanation: The ARSMAINT program has started to expire data from cache storage. This message is for your information only.

Example:

```
Cache Expiration: Internal Date(11850) MinPct(0) MaxPct(0) Server(RDR400M.RALEIGH.IBM.COM)
```

User response: No action is required.

ARS0110I   **Cache Migration: Internal Date(***internal_date***) Server(***server***)**

Explanation: The ARSMAINT program has started to migrate data to archive storage. This message is for your information only.

User response: No action is required.

ARS0111E   **OnDemand is unable to determine the link for the file >***file_name***<. errno=***errno***

Explanation: The OnDemand server was unable to access the specified file. Either the link does not exist, or the link exists but does not point to a file. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: If the link does not exist in the OnDemand retrieval directory for this file, either recreate the link or delete the file. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0112E   **OnDemand is unable to change permissions on the file >***file_name***<. errno=***errno***

Explanation: An error occurred while this program was running.

The OnDemand server was unable to access the specified file. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check to ensure that the OnDemand instance owner has permissions for this file in the OnDemand cache. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0113E   **Cache Migration Failed: ApplGroup(***appl_grp_name***) Agid(***agid***) ObjName(***object_name***) Date(***date***) Server(***server***)**

Explanation: The ARSMAINT program failed when attempting to migrate data to archive storage.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the migration. If the problem persists, contact your IBM Service Representative.

ARS0114E   **Unable to open file >***file_name***<. errno=***errno***

Explanation: The command failed when attempting to open the specified file. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Verify that the file exists and that the file permissions are correct, then resubmit the command. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0115E   **OnDemand is unable to seek within file >***file_name***< from ***offset*** to ***length***. errno=***errno***

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check to ensure that the byte offset and length values are correct for this file, and try the command again. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0116E   **Unable to stat file >***file_name***<. errno=***errno***

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check to ensure that the file and directory path are correct, and that the file and directory exist.

Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0117E   **The byte count between offset** *off* **and length** *len* **is larger than the size of the file >***file_name***< of** *size* **bytes**

Explanation: An error occurred while this program was running.

Example:

```
Offset **UNK** and length **UNK** is larger than the size of the file >**UNK**< of **UNK** bytes
Srvr->rdr400m.raleigh.ibm.com 10.37.63.53<-
```

User response: Check to ensure that the byte offset and length values are correct for this file, and try the command again. If the problem persists, contact your IBM Service Representative.

ARS0118E   **Unable to read from file >***file_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Verify that the file exists and that the file permissions are correct, and try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0119E   **Unable to write to file >***file_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

Example:

```
Unable to write to file >/arscache1/13585/SL/DOC/1502FAA<.  errno=28  Srvr->everest.ibm.com<-
```

User response: Verify that the directory path exists and that the file permissions are correct. Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0122E   **Unable to close the file >***file_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Verify that the path for the file exists, and that the file permissions are correct. Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0123E   **Unable to stat filesystem >***filesystem_name***<. errno=***errno*

Explanation: The ARSMAINT program failed when attempting to run statistics on the specified filesystem. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Verify that the filesystem exists and verify the filesystem permissions, then resubmit the command. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0124I   **Filesystem Stats Name(***filesystem_name***) Data(***percent_full***%%) Inodes(***inode_percent_full***%%)**

Explanation: The ARSMAINT program has started to run statistics on the specified filesystem. This message is for your information only.

Example:

```
Filesystem Stats Name(/arscache1) Data(84%) Inodes(1%)  Srvr->everest.ibm.com 9.99.999.999<-
```

User response: No action is required.

ARS0125E   **Unable to create symbolic link from file >***symbolic_name***< to >***file_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

Example:

```
Unable to create symbolic link from file >/QIBM/USERDATA/ONDEMAND/ONDPERFORM/CACHE/ONDPERFORM/retr/
SL/APPEND< to >/QIBM/USERDATA/ONDEMAND/ONDPERFORM/CACHE/ONDPERFORM/21667/SL/DOC/9FAA<.  errno=3457
Srvr->RDR400M.RALEIGH.IBM.COM<-
```

User response: Verify that the target file and path exist, and that the directory permissions are correct. Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0126I   **Application Group Document Expire: Name(***appl_grp_name***) Agid(***agid***) Cnt(***documents_expired***)**

Explanation: The ARSMAINT program is using the document expiration method to delete items from an application group. This message is for your information only.

Example:

```
ApplGroup Document Expire:  Name(sp-00021) Agid(15197) Cnt(14)
```

User response: No action is required.

ARS0127I   **Application Group Load Expire: Name(***appl_grp_name***) LoadId(***agid-pri_nid-sec_nid-name-start_date-stop_date***)**

Explanation: The ARSMAINT program is using the load expiration method to delete items from an application group. This message is for your information only.

Example:

```
ApplGroup Load Expire:  Name(CHKSTMTS1R) LoadId(5017-2-0-756FAA-11311-11311)
```

User response: No action is required.

ARS0128I   **Application Group Segment Expire: Name(***appl_grp_name***) Agid(***agid***) Seg(***segment_name***)**

Explanation: The ARSMAINT program is using the segment expiration method to delete items from an application group. This message is for your information only.

Example:

```
ApplGroup Segment Expire:  Name(test-ebcdic-cc-trc) Agid(15757) Seg(YJF1)
```

User response: No action is required.

ARS0129E   **Filesystem Full Name(***filesystem_name***) Data(***percent_full%%***) Inodes(***inode_percent_full%%***)**

Explanation: The cache storage filesystem is almost full.

User response: Either extend the existing cache storage filesystem or add new cache storage filesystems. Then restart the server.

ARS0130E   **No logical place to store object >***object_name***<**

Explanation: The command failed when attempting to store the object because there are no cache storage file systems that are defined to the system or the archive storage manager is not properly configured.

User response: To use cache storage, define and configure OnDemand cache storage filesystems. To use archive storage, install and configure the archive storage manager. Then restart the server and resubmit the command.

ARS0131E   No logical place to retrieve object >*object_name***<**

Explanation: The command failed when attempting to retrieve the object because there are no cache storage filesystems defined to the system or the archive storage manager is not properly configured.

User response: To use cache storage, define and configure OnDemand cache storage filesystems. To use archive storage, install and configure the archive storage manager. Then restart the server and resubmit the command.

ARS0132I   Printer Options Add: Name(*printer_opts_name***)**

Explanation: Printer options were added. This message is for your information only.

User response: No action is required.

ARS0133I   Id Printer Options Add: Id(*id***) Name(***printer_opts_name***)**

Explanation: Printer options were added for the user with the specified ID. This message is for your information only.

Example:

Id Prt Options Add: Id(12) Name(rosa)

User response: No action is required.

ARS0134I   Printer Options Delete: Name(*printer_opts_name***)**

Explanation: Printer options were deleted. This message is for your information only.

User response: No action is required.

ARS0135I   Id Printer Options Delete: Id(*id***) Name(***printer_opts_name***)**

Explanation: This message is for your information only.

User response: No action is required.

ARS0136I   Printer Options Update: Name(*printer_opts_name***)**

Explanation: This message is for your information only.

User response: No action is required.

ARS0137I   Id Printer Options Update: Id(*id***) Name(***printer_opts_name***)**

Explanation: This message is for your information only.

User response: No action is required.

ARS0138E   BulkPrint Failed

Explanation: The server print function failed.

Example:

BulkPrint Failed Srvr->everest.ibm.com 9.99.999.999<-

User response: See the Content Manager OnDemand System Log for other messages that are associated with the server print function. If the problem persists, contact your IBM Service Representative.

ARS0139E   Unable to run program >*command***<. errno=***errno***

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check the installation directory to ensure that the file exists and is executable, then try the command

again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0140E   **Unable to fork a child process. errno=***errno***, File=***file***, Line=***line*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Shut down any other running processes to free memory, or restart OnDemand. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0141E   **Ran out of load-id naming conventions. Increase the size of the Application Group Object Size.**

Explanation: The system was unable to create new object names because it exceeded the number of available object names for this application group. The object size controls how much space is allotted for objects in an application group.

User response: Increase the object size on the application group's Advanced Storage Management page in the Content Manager OnDemand administrative client. Then resubmit the command.

ARS0142E   **Connection cannot be established for the >***hostname***< server**

Explanation: The client was unable to connect to the specified server.

Example:

```
Connection cannot be established for the >PRODUCTION< server. Srvr->everest.ibm.com<-
```

User response: Verify that the server is available, that it is properly configured, and that the required programs are running. Then resubmit the command.

ARS0145E   **The communication layer was unable to send data. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems and resides in `/usr/include/errno.h` on z/OS systems.

User response: Check to ensure that an instance of the OnDemand server is not already running. Then restart the OnDemand server. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0146E   **The communication layer was unable to receive data. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Stop and restart the OnDemand server. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0147E   **Unable to initialize server environment. rc=***returnCode*

Explanation: An error occurred while this program was running.

User response: Check the configuration files `ars.ini` and `ars.cfg` to verify that they exist, that file system paths and parameters are correct, and that the files have the correct permissions. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0149E   **Unable to initialize server communications. rc=***returnCode*

Explanation: An error occurred while this program was running.

A communication error occurred. Either the OnDemand server was already started, TCP/IP was not started, or there is a configuration problem. The `ARSSOCK=` debug parameter in `ars.cfg` can help you troubleshoot TCP/IP errors.

User response: Ensure that the maximum amount of memory per process is unlimited. Check to see that the server is running and that TCP/IP is started. Use the `ARSSOCK=` debug parameter to help you identify possible TCP/IP errors. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0150E Unable to allocate enough memory. File=*file*, Line=*line*

Explanation: An error occurred while this program was running.

User response: Ensure that there is enough memory to support all processes that are currently running, and try the command again. If the problem persists, contact your IBM Service Representative.

ARS0151E Unable to initialize server database system parameters. Contact your system administrator.

Explanation: The command failed when attempting to initialize the database.

User response: Verify that the OnDemand instance and the database are properly configured. Then resubmit the command.

ARS0152E The command >*command*< can only be run by the owner of the command

Explanation: The command failed when attempting to run the specified command.

User response: Log on to the system as the owner of the command and then resubmit the command.

ARS0153E Unable to change directory to >*directory_name*<. errno=*errno*

Explanation: The system failed when attempting to change to the specified directory. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Verify that the directory exists and verify the directory permissions. Then resubmit the command. See the `errno.h` file for more information.

ARS0154E Unable to establish server communications with network. rc=*returnCode*

Explanation: An error occurred while this program was running.

A communication error occurred. Either the OnDemand server was already started, TCP/IP was not started, or there is a configuration problem. The `ARSSOCK=` debug parameter in `ars.cfg` can help you troubleshoot TCP/IP errors.

User response: Ensure that TCP/IP is running, then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0155E Server is unable to communicate to receive client requests. rc=*returnCode*

Explanation: An error occurred while this program was running.

A TCP/IP failure occurred.

User response: Check to see if TCP/IP is running. Stop and restart the OnDemand Server. If the problem persists, contact your IBM Service Representative.

ARS0157E SubSrvr is unable to communicate request with Server

Explanation: An error occurred while this program was running.

A TCP/IP failure occurred.

User response: Check to see if TCP/IP is running. Stop and restart the OnDemand Server. If the problem persists, contact your IBM Service Representative.

ARS0158E   **Server is unable to initialize database connection. rc=***returnCode*

Explanation: The server failed when attempting to initialize the database.

User response: Verify that the database is running and that you can connect to it. See the Content Manager OnDemand System Log for other messages that are associated with database initialization. If the problem persists, contact your IBM Service Representative.

ARS0159E   **Server is unable to terminate database connection properly. rc=***returnCode*

Explanation: The server failed when attempting to terminate the database connection.

User response: Verify that the database is running and that you can connect to it. See the Content Manager OnDemand System Log for other messages that are associated with database initialization. If the problem persists, contact your IBM Service Representative.

ARS0160E   **Unable to load module >***function_name***<. rc=***returnCode*

Explanation: The system failed when attempting to load the specified dynamic load library. Permissions on the dynamic load library need to be at least read and execute. On a UNIX system, the load module must also exist in the server exits directory (/opt/IBM/ondemand/V9/bin/exits). On a Windows system, the load module must also exist in the server bin directory (usually C:\Program Files\IBM\OnDemand for WinNT\bin).

Example 1:

```
Unable to load module /opt/IBM/ondemand/V9/exits/arsusxct.  rc=2  Srvr->everest.ibm.com 9.99.999.999<-
```

Example 2:

```
ARS0160E ARSSOCKD UNABLE TO LOAD MODULE >/opt/IBM/ondemand/V9/BIN/EXITS/ARSUSEC<.
RC=157  SRVR->ARSSRVO2<-
```

User response: Verify that the dynamic load library exists and verify the file permissions. Then resubmit the command.

For example, if you receive this message with return code 157 as shown in Example 2 above, verify that /opt/IBM/ondemand/V9/bin/exits/arsusec has the APF bit set by issuing the following from omvs or telnet:

```
ls -lE /opt/IBM/ondemand/V9/bin/exits/arsusec
```

If the result does not include the 'a' flag, as shown below:

```
-rwxr-xr-x  a-s-  /opt/IBM/ondemand/V9/bin/exits/arsusec
```

use

```
extattr +a /opt/IBM/ondemand/V9/bin/exits/arsusec
```

to set the APF bit.

If the APF flag is already set, confirm how the HFS was mounted for /opt/IBM/ondemand/V9/bin/exits. If nosetuid was specified when the mount was issued, the APF bit is ignored. This might also cause return code 157 from ARS0160E even when the APF flag is set for the exit load modules.

ARS0161E   **The userexit >***userexit_name***< failed. rc=***returnCode*

Explanation: The specified user exit program failed. The return codes are:

Return Code
    Description
3   Permissions on the user exit program need to be at least read and execute. On a UNIX system, the exit module must also exist in the server exits directory (/opt/IBM/ondemand/V9/bin/exits). On a Windows system, the exit module must also exist in the server bin directory (usually C:\Program Files\IBM\OnDemand for WinNT\bin).
12   this is a fixed recfm and the lrecl isn't between 1 and 32767
13   CC returned was not NONE, ANSI, or Machine
14   Recfm returned was not Fixed, Variable or Stream

15	the application name the exit returned does not exist
16	the application group information the exit returned doesn't exist
17	storage node not in storage set
18	the delimiter in a stream recfm is not valid

Example:

```
The userexit >QRDARS/ARSUSEC< failed.  rc=3  Srvr->RDR400M.RALEIGH.IBM.COM<-
```

User response: Use the information provided in the return code to correct the problem.

ARS0163E **Unable to initialize converter from (codepage,codeset)** *input_codepage,input_codeset* **to (codepage,codeset)** *output_codepage,output_codeset.* **rc=***returnCode*

Explanation: The system was unable to initialize the converter. The required iconv conversion tables are not available.

User response: Ensure that the codepage converter exists in the cnvrtrs.txt text file, and that the ICU Data Library is in the locale directory and has the correct permissions. If the problem persists, contact your IBM Service Representative.

ARS0164I **Application Group Segment Maintenance: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***) Action(***action***) Time(***time***)**

Explanation: The ARSMAINT program collected statistics on the specified table. This message is for your information only.

Example:

```
ApplGroup Segment Maintenance: Name(ERN-TEST001) Agid(15912) SegName(WLF1) Action(15) Time(0.195)
```

User response: No action is required.

ARS0165I **Application Group Segment Expire Maintenance: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***)**

Explanation: The ARSMAINT program expired the specified segment from the specified application group. This message is for your information only.

Example:

```
ApplGroup Segment Expire Maintenance: Name(!UDB-index-expire) Agid(15404) SegName(MFF1)
```

User response: No action is required.

ARS0166I **Application Group Segment Export: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***) Time(***time***)**

Explanation: The ARSMAINT program migrated the specified segment from the database to archive storage. This message is for your information only.

Example:

```
ApplGroup Segment Export: Name(test-testdocs-lwp) Agid(15673) SegName(VIF1FAA) Time(2.364)
```

User response: No action is required.

ARS0167I **Application Group Segment Import: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***) Time(***time***)**

Explanation: The ARSADMIN program imported the specified segment from archive storage to the database. This message is for your information only.

Example:

```
ApplGroup Segment Export: Name(test-testdocs-lwp) Agid(15673) SegName(VIF1FAA) Time(2.364)
```

User response: No action is required.

ARS0168E **Application Group Segment Not Available: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***)**

Explanation: The specified segment was required to perform a query, however, the segment was not found in the database.

Example:

ApplGroup Segment Not Available: Name(!UDB-index-migration) Agid(15365) SegName(WEF2)

User response: Ask an administrator to import the specified segment from the archive storage to the database. Then resubmit the command.

ARS0169E **Application Group Segment Migration Failed: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***). rc=***returnCode*****

Explanation: The command failed when attempting to migrate a segment.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the migration. If the problem persists, contact your IBM Service Representative.

ARS0171E **Application Group Segment Exists: Name(***appl_grp_name***) Agid(***agid***) SegName(***segment_name***). rc=***returnCode*****

Explanation: The command did not import the segment because the segment already exists in the database.

User response: Verify the name of the segment, and the name and ID of the application group. Then resubmit the command.

ARS0172E **Filesystem >***filesystem_name***< is not unique. It is common with filesystem >***common_filesystem_name***<**

Explanation: Duplicate filesystem names were used in the ars.dbfs configuration file. Filesystem names must be unique.

User response: Change the filesystem configuration so that it contains only unique filesystem names. Then restart the server and resubmit the command.

ARS0173I **Annotation Update: Name(***appl_grp_name***) Agid(***agid***)**

Explanation: An annotation was updated. This message is for your information only.

Example:

Annotation Update: Name(CHECKSDB) Agid(5025)

User response: No action is required.

ARS0174I **Annotation Id Update: Id(***id***) Name(***appl_grp_name***) Agid(***agid***)**

Explanation: This message is for your information only.

User response: No action is required.

ARS0175E **User >***user_name***< does not have permission to perform the specified action. File=***file***, Line=***line*****

Explanation: The specified user does not have the permissions that are required to perform the action.

User response: Update the user to provide the user with permission to perform the action and then resubmit the command. Otherwise, resubmit the command with a different user ID.

ARS0176E **BulkTextSearch Failed**

Explanation: The command failed when attempting a text search.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the text search. If the problem persists, contact your IBM Service Representative.

ARS0178E   **System call failed for command >***command***<. errno=***errno*

Explanation: The OnDemand server failed trying to execute the command. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check the OnDemand installation directory to ensure that the file exists and is executable, then try the command again. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0179E   **License Server Failed. rc=***returnCode*

Explanation: An error occurred while this program was running.

A licensing problem occurred.

User response: If the problem persists, contact your IBM Service Representative.

ARS0187E   **Unable to establish thread server connection. rc=***returnCode*

Explanation: An error occurred while this program was running.

User response: Ensure that the maximum amount of memory per process is unlimited, then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0188E   **The thread cannot be created. The return code is rc=***returnCode*

Explanation: There might not be enough memory for each process.

User response: Ensure that the maximum amount of memory per process is unlimited. Then try the command again. If the problem persists, contact IBM Software Support.

ARS0189E   **Unable to create pipe communications. The error number is** *errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Ensure that there is enough available memory for OnDemand to use, then try the command again. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0190E   **System command failed >***command***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check the OnDemand installation directory to ensure that the file exists and is executable, then try the command again. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS0191I   **Segment >***segment_name***< unknown in System Migration**

Explanation: The command failed when attempting to find the specified segment in the OnDemand System Migration application group.

User response: Verify the migration parameters, including the name of the segment and the name of the application group. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0192E   **Unable to create file >***file_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Check, and if necessary, correct the permissions for the directory in which the file is stored. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0193E   **Unable to query System Migration Application Group. rc=***returnCode*

Explanation: An error occurred while this program was running.

User response: Verify that the System Migration Application Group and Folder exist. If they do not, create them. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0194E   **Unable to open directory >***directory_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Verify that the directory exists, and that its permissions are set correctly. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS0195E   **Unable to close directory >***directory_name***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

Example:

```
Unable to close directory >**UNK**<.  err=(**UNK**)  Srvr->everest.ibm.com 9.99.999.999<-
```

User response: Verify that the directory exists, and that its permissions are set correctly. Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS0196I   **Cache Expiration: Server(***server***)**

Explanation: The ARSMAINT program expired the specified storage object from the specified application group. This message is for your information only.

Example:

```
Cache Expiration: Server(RDR400M.RALEIGH.IBM.COM)  Srvr->rdr400m.raleigh.ibm.com 10.36.173.225<-
```

User response: To view the Cache Expiration Report, use the Content Manager OnDemand client and search the System Log for message number 196.

ARS0197I   **Cache Migration: ApplGroup(***appl_grp_name***) Agid(***agid***) ObjName(***object_name***) Date(***date***) Server(***server***)**

Explanation: The ARSMAINT program migrated the specified storage object from cache storage to archive storage. This message is for your information only.

Example:

```
Cache Migration: ApplGroup(System Log) Agid(9263) ObjName(1534FAA) Date(11073) Server(libraryserver)
Srvr->everest.ibm.com 9.99.999.999<-
```

User response: No action is required.

ARS0198E   Invalid ownership and/or permissions on cache file/directory >*path_name***<**

Explanation: The ownership or permissions for the specified cache storage file or directory are not correct. Cache filesystems have specific permissions for directories, which are described in the *Installation and Configuration Guide*.

Example:

Invalid ownership and/or permissions on cache file/dir >/arscache1< Srvr ->everest.ibm.com<-

User response: Verify the ownership and permissions for the cache storage filesystems and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0199E   Unexpected empty directory in cache >*directory_name***<**

Explanation: The cache directory is empty.

User response: Verify the configuration of the cache storage filesystems and resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0200E   CD-ROM Creation Failed: Volume(*volume***)**

Explanation: The command failed when attempting to create the specified CD-ROM.

Example:

CD-ROM Creation Failed: Volume(1290)

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM creation process. If the problem persists, contact your IBM Service Representative.

ARS0201I   Concurrent Activities: Current(*current_licenses***), Maximum Allowed(***entitled_licenses***)**

Explanation: The server generates this message approximately every 30 minutes to display the number of concurrent users on the system (at the time that the message was generated). This message also displays the maximum number of concurrent users that are allowed on the system.

Example:

Concurrent Activities: Current(8), Maximum Allowed(50)

User response: No action is required.

ARS0204I   Printer Add: Name(*printer_name***) Queue(***queue***) Pid(***pid***)**

Explanation: The specified printer was added to the specified queue. This message is for your information only.

Example:

Printer Add: Name(QPRINT2) Queue(QGPL/QPRINT2) Pid(5098)

User response: No action is required.

ARS0205I   Printer Delete: Name(*printer_name***) Queue(***queue***) Pid(***pid***) IdName(***id_name***) Id(***id***)**

Explanation: The specified printer was deleted from OnDemand. This message is for your information only.

Example:

Printer Delete: Name(QPRINT) Queue(QGPL/QPRINT) Pid(5193) IdName() Id(0)

User response: No action is required.

ARS0206I   User Id Add: User(*name***) Id(***id***), User(***owner_name***) Id(***owner_id***), Perms(***permissions***)**

Explanation: The specified user ID was added with the specified permissions. This message is for your information only.

User response: No action is required.

ARS0207I   **User Id Delete: User(***name***) Id(***id***), User(***owner_name***) Id(***owner_id***)**

Explanation: The specified user ID was deleted. This message is for your information only.

Example:

```
User Id Delete: User(HOMER) Id(998), User(Ulysses) Id(74)
```

User response: No action is required.

ARS0208I   **User Id Update: User(***name***) Id(***id***), User(***owner_name***) Id(***owner_id***), Perms(***permissions***)**

Explanation: The specified user ID was updated as shown. This message is for your information only.

User response: No action is required.

ARS0209I   **User Id Add: User(***name***) Id(***id***), Group(***owner_name***) Id(***owner_id***), Perms(***permissions***)**

Explanation: The specified user ID was added to the specified group with the specified permissions. This message is for your information only.

Example:

```
User Id Add: User(BUZZ) Id(20), Group(noaccess) Id(80041), Perms(3)
```

User response: No action is required.

ARS0210I   **User Id Delete: User(***name***) Id(***id***), Group(***owner_name***) Id(***owner_id***)**

Explanation: The specified user ID was deleted from OnDemand. This message is for your information only.

User response: No action is required.

ARS0211I   **User Id Update: User(***name***) Id(***id***), Group(***owner_name***) Id(***owner_id***), Perms(***permissions***)**

Explanation: The specified user ID was added to the specified group. This message is for your information only.

User response: No action is required.

ARS0212I   **BulkTextSearch: Time(***time***)**

Explanation: The search was completed in the length of time indicated. This message is for your information only.

Example:

```
BulkTextSearch: Time(2.752)  Srvr->RDR400M.RALEIGH.IBM.COM<-

BULK DOCUMENT RETRIEVAL
Application Group    Agid Flds->Handle
-------------------------------------------------------------
PATINFO01            5014 ->7FAAA,3852,968,0,3272,0x4E,0x4F,0,1,0
```

User response: No action is required.

ARS0213I   **Unable to load the OnDemand DB2 dynamic load library (arsdb2). Check to make sure DB2 is installed and that the db2ln command has been run**

Explanation: The command failed when attempting to load the DB2 dynamic load library.

User response: Verify that DB2 is correctly installed and configured. Verify that the links were created for the DB2 files. (Verify that the db2ln command was run successfully.)

ARS0214I   **Unable to load the OnDemand Microsoft SQL Server dynamic load library (arsmssql.dll)**

Explanation: The command failed when attempting to load the Microsoft SQL Server dynamic load library.

User response: Verify that Microsoft SQL Server is correctly installed and configured.

ARS0215I   **Unable to load the OnDemand Oracle dynamic load library (arsorcle). Check to make sure that Oracle is installed and that the Oracle shared library (libclntsh.a (AIX), libclntsh.so (SunOS), libclntsh.sl (HPUX), oci.dll (Windows)) is in the shared library path**

Explanation: The command failed when attempting to load the Oracle dynamic load library.

User response: Verify that Oracle is correctly installed and configured.

ARS0216E   **Unable to determine SMS/DMS tablespace type or filesystem is invalid >***filesystem_name***<. errno=***errno*

Explanation: The definition of the storage management subsystem (SMS) or document management system (DMS) tablespaces is not valid. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Verify and correct the tablespace filesystem definitions, then restart the server and resubmit the command. See the `errno.h` file for more information.

ARS0217E   **Application Group(***appl_grp_name***) Application(***appl_name***) defines a document with a data type that can not be printed by this server**

Explanation: The server print function failed to print a document.

User response: The server print function could not handle the data type of the document that was selected. Resubmit the document to the local print function, which will send the print job to a different printer.

ARS0218E   *rtn,lmod,source,reason,cblock,addr,lineNum*

> *rtn* **Routine producing the message**
> *lmod* **Module producing the message**
> *source* **Source file detecting the problem**
> *reason* **Reason code describing the error**
> *cblock* **Control block related to the error**
> *addr* **Address related to the error**
> *lineNum* **Line number of the source file detecting the error**

Explanation: The software detected an inconsistency in a control block. An attempt was made to produce an SDUMP, but the attempt failed, possibly because DAE prevented it.

User response: The software will attempt to recover. Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS0219E   **ARSMVSR2 S***sss* **U***uuuu* **RSN:***xxxxxxxx*

> *sss* **System ABEND code**
> *uuuu* **User ABEND code**
> *xxxxxxxx* **ABEND reason code**

Explanation: The attempt to log on to OnDemand with a PassTicket was rejected. An ABEND occurred attempting to verify a user PassTicket. An attempt was made to produce an SDUMP, but the attempt failed.

User response: There is probably an error with the information that was returned by the ARS.PTGN dynamic exit. Attempt to correct the exit.

ARS0220I   **Server code page is** *cpgid*

Explanation: The server is using the specified code page. This message is for your information only.

User response: No action is required.

| ARS0221I | Folder Delete: Name(*name*) Fid(*fid*) |

Explanation: The specified folder was deleted from the system. This message is for your information only.

User response: No action is required.

| ARS0222W | SM Warning: *text*, The requested delete was ignored because data retention protection is turned on in the storage manager. |

Explanation: The delete issued to the TSM storage manager did not succeed because data retention protection is turned on. The TSM storage manager issued return code 2302 and reason code 248.

User response: No action is required.

| ARS0226I | Application Group Query: Name(appl_grp_name) Agid(agid) Time(time) Hits(hits) Count(count) Sql(sql) SqlR(sql_restrict) OrderBy(order_by) TextSearch(text_search_str) |

Explanation: A query was run against the specific application group. This message is for your information only.

User response: No action is required.

| ARS0229I | Cabinet Add: Name(cabinet_name) Cid(cid) |

Explanation: The specified cabinet was added to the system. This message is for your information only.

User response: No action is required.

| ARS0230I | Cabinet Delete: Name(cabinet_name) Cid(cid) |

Explanation: The specified cabinet was deleted from the system. This message is for your information only.

User response: No action is required.

| ARS0231I | Cabinet Update: Name(cabinet_name) Cid(cid) |

Explanation: The specified cabinet was updated. This message is for your information only.

User response: No action is required.

| ARS0232I | Folder to Cabinet Add: Fid(cabinet_name) Cabinet(cid) Cid(fid) |

Explanation: The specified folder was added to the specified cabinet. This message is for your information only.

User response: No action is required.

| ARS0233I | Folder to Cabinet Delete: Fid(cabinet_name) Cabinet(cid) Cid(fid) |

Explanation: The specified folder was deleted from the specified cabinet. This message is for your information only.

User response: No action is required.

| ARS0234I | Id to Cabinet Add: Id(id) Cabinet(cid) Cid(%3) |

Explanation: Permissions were added to the specified cabinet for the User or Group specified with the Id. This message is for your information only.

User response: No action is required.

| ARS0235I | Id to Cabinet Delete: Id(id) Cabinet(cid) Cid(%3) |

Explanation: Permissions were deleted from the specified cabinet for the User or Group with the specified Id. This message is for your information only.

User response: No action is required.

ARS0236I   **Id to Cabinet Update: Id(id) Cabinet(cid) Cid(%3)**

Explanation: Permissions were updated in the specified cabinet for the User and Group with the specified Id. This message is for your information only.

User response: No action is required.

ARS0237E   **The system cannot parse the SQL tokenized query string that is provided starting at position marker position (position) with the string input value (str_val).**

Explanation: The query string cannot be parsed because of one or more incorrect input parameters.

User response: Verify that the string input value is a string type and that it is enclosed in single quotation marks. Resubmit the command.

ARS0238W   **The tokenized query string format has a nonnumeric value at marker position (position). Use a numeric value instead.**

Explanation: An invalid numeric value was specified.

User response: Check that the value is numeric, and resubmit the command.

ARS0239E   **In the tokenized query string format, the number of parameter markers (num_param) must be equal to the number of parameter names (array_size).**

Explanation: The number of parameter markers must equal the number of parameter names.

User response: Provide valid values to the SQL string and resubmit the command.

ARS0240E   **The SQL tokenized query string is missing parameter values and cannot be processed. The number of parameter markers specified is num_param.**

Explanation: The number of parameters (num_param) is greater than the number of parameter values provided.

User response: Verify that the values in the parameter value string are equal to the number of parameters and resubmit the command.

ARS0241E   **The tokenized query string format failed. The number of parameters (num_param) is not equal to the number of markers (num_marker) in the WHERE clause.**

Explanation: The number of parameters is different than the number of markers in the WHERE clause.

User response: Verify that the number of parameters is equl to the number of markers in the WHERE clause and resubmit the command.

ARS0242E   **The tokenized query string format failed. There is an invalid database field name (pname) at position (position) in the parameter name string.**

Explanation: The parameter name string is not a database field name.

User response: Correct the spelling of the database field name in the parameter name string and resubmit the command.

ARS0243E   **The system cannot parse the SQL tokenized document query binding parameter starting at position (col) with the variable value (sqldata) and return code (rc).**

Explanation: The binding program variable does not match the parameter marker. This might be due to an incorrect mapping between the parameter name and its associated value.

User response: Verify the mapping between the parameter name and value. Resubmit the command.

ARS0244E **Tokenized query string format failed at database field names string. A valid format should be: dbfield1,dbfield2,dbfield3**

Explanation: An invalid database field name string was specified.

User response: Check the database field name string format, and resubmit the command.

ARS0246W **String value ('str_val') is too long for: column(col_name), column size(col_size), at marker (marker_pos). A maximum of col_size character(s) may be entered**

Explanation: A string value is too long.

User response: Make sure that the string length does not exceed the database column size, and resubmit the command.

ARS0247I **Hold Add: Name (***hold_name***) Hid (***hid***)**

Explanation: The specified hold was added to the system. This message is for your information only.

User response: No action is required.

ARS0248I **Hold Delete: Name (***hold_name***) Hid (***hid***)**

Explanation: The specified hold was deleted from the system. This message is for your information only.

User response: No action is required.

ARS0249I **Hold Update: Name (***hold_name***) Hid (***hid***)**

Explanation: The specified hold was updated. This message is for your information only.

User response: No action is required.

ARS0250I **Id to Hold Add: Id (***id***) Hold (***hid***) Hid (***%3***)**

Explanation: Permissions were added to the specified hold for the User or Group with the specified Id. This message is for your information only.

User response: No action is required.

ARS0251I **Id to Hold Delete: Id (***id***) Hold (***cid***) Hid (***%3***)**

Explanation: Permissions were deleted from the specified hold for the User or Group with the specified Id. This message is for your information only.

User response: No action is required.

ARS0252I **Id to Hold Update: Id(***id***) Hold(***hid***) Hid(***%3***)**

Explanation: Permissions were updated in the specified hold for the User or Group with the specified Id. This message is for your information only.

User response: No action is required.

ARS0253I **Application to Hold Add: Hold(***hold_name***) Hid(***hid***) ApplGroupName(***appl_group_name***) Agid(***agid***) ApplName(***appl_name***) Aid(***aid***)**

Explanation: The application group/application was added to the specified hold. This message is for your information only.

User response: No action is required.

ARS0254I   **Application group to Hold Add: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*)
            Agid(*agid*)

Explanation: The application group was added to the specified hold.

User response: No action is required.

ARS0255I   **Application to Hold Delete: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*) **Agid**(*agid*)
            ApplName(*appl_name*) **Aid**(*aid*)

Explanation: The application group/application was deleted from the specified hold. This message is for your
information only.

User response: No action is required.

ARS0256I   **Application Group to Hold Delete: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*)
            Agid(*agid*)

Explanation: The application group was deleted from the specified hold. This message is for your information only.

User response: No action is required.

ARS0257E   **PDF document/resource conversion error. See stored document for more information.**

Explanation: OnDemand failed while combining the PDF document and resource.

User response: See the document stored with the message for more information.

ARS0258I   **Document Hold Add: Hold**(*hold_name*) **ApplGroupName**(*appl_group_name*) **Agid**(*agid*) **Count**(*count*)

Explanation: The application group document(s) were added to the specified hold. This message is for your
information only.

User response: No action is required.

ARS0259E   **Document Hold Add Failed: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*) **Agid**(*agid*)
            Count(*count*)

Explanation: The application group document(s) failed to be added to the specified hold. This message is for your
information only.

User response: No action is required.

ARS0260I   **Document Hold Delete: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*) **Agid**(*agid*)
            Count(*count*)

Explanation: The application group document(s) were deleted from the specified hold. This message is for your
information only.

User response: No action is required.

ARS0261E   **Document Hold Delete Failed: Hold**(*hold_name*) **Hid**(*hid*) **ApplGroupName**(*appl_group_name*)
            Agid(*agid*) **Count**(*count*)

Explanation: The application group document(s) failed to be deleted from the specified hold. This message is for
you information only.

User response: No action is required.

ARS0262I   Document Implied Hold Add: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) were added to the implied hold.

User response: No action is required.

ARS0263E   Document Implied Hold Add Failed: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) failed to be added to the implied hold.

User response: No action is required.

ARS0264I   Document Implied Hold Delete: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) were deleted from the implied hold. This message is for your information only.

User response: No action is required.

ARS0265E   Document Implied Hold Delete Failed: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) failed to be deleted from the implied hold. This message is for your information only.

User response: No action is required.

ARS0266I   Document CFSOD Fed Add: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) were federated to CFSOD.

User response: No action is required.

ARS0267E   Document CFSOD Fed Add Failed: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) failed to be federated to CFSOD.

User response: No action is required.

ARS0268I   Document CFSOD Fed Delete: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) were deleted from federated CFSOD.

User response: No action is required.

ARS0269E   Document CFSOD Fed Delete Failed: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) failed to be deleted from federated CFSOD.

User response: No action is required.

ARS0270I   Document CFSOD Fed Add: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) were added to the CFSOD RM.

User response: No action is required.

ARS0271E   Document CFSOD Fed Add Failed: ApplGroupName*(appl_group_name)* **Agid***(agid)* **Count***(count)*

Explanation: The application group document(s) failed to be added to the CFSOD RM.

User response: No action is required.

ARS0272I   **Document CFSOD Fed Delete: ApplGroupName**(*appl_group_name*) **Agid**(*agid*) **Count**(*count*)

Explanation: The application group document(s) were deleted from CFSOD RM.

User response: No action is required.

ARS0273E   **Document CFSOD Fed Delete Failed: ApplGroupName**(*appl_group_name*) **Agid**(*agid*) **Count**(*count*)

Explanation: The application group document(s) failed to be deleted from CFSOD RM.

User response: No action is required.

ARS0329I   **The following entry was added to the Load Monitor Table: Agid(**(*agid*)**) LoadId(**(*load_id*)**).**

Explanation: An entry was added to the database. The message identifies the LoadId, which represents the report in the system. The message also identifies the application group. This message is for informational purposes only.

User response: No action is required.

ARS0330I   **The following entry was deleted from Load Monitor Table: Agid(**(*agid*)**) LoadId(**(*load_id*)**).**

Explanation: An entry was deleted from the database because data was unloaded from the system. The message identifies the LoadId, which represents the report in the system. The message also identifies the application group. This message is for informational purposes only.

User response: No action is required.

ARS0331E   **Unable to create working directory <***directory***>.**

Explanation: Unable to create the working directory. This is preventing the report distribution program from running properly.

User response: Check the permissions for the stated directory and resubmit the command.

ARS0333W   **The following user does not have an e-mail address to send notifications: User ID(**(*userid*)**) Name(**(*name*)**).**

Explanation: Sending an e-mail notification from report distribution has failed because the notification user has no e-mail address defined.

User response: Create an e-mail address for this user.

ARS0334E   **Data conversion of the following report is not possible: Bundle Name(**(*bund_name*)**).**

Explanation: The input data types from the associated reports cannot be converted to the requested output data type of the bundle.

User response: Redefine the bundle to contain only reports whose data type can be converted to the requested output type or install the necessary transform program to provide the requested conversion.

ARS0335E   **Data conversion of the following report is not possible: Bundle Name(**(*bund_name*)**) Report Name(**(*rept_name*)**).**

Explanation: The input data types from the associated report cannot be converted to the requested output data type of the bundle.

User response: Redefine the bundle to contain only reports whose data type can be converted to the requested output type or install the necessary transform program to provide the requested conversion.

ARS0344E

> **The SQL statement that was submitted is not allowed by the system.**
> **Application Group Query String=appl_grp_ws, File=%2, Line=%3**

Explanation: The command failed because the SQL statement that was submitted is not allowed by the application. The SQL command keywords select and from are not allowed.

User response: Correct the SQL statement and resubmit the command.

ARS0346E

> **The system cannot find the correct application group indexes based on the application group information provided. Order=order, Num=num, File=%3, Line=%4**

Explanation: The database is corrupted.

User response: See the Content Manager OnDemand system log for other messages that are associated with the command. If the problem persists, contact your system administrator.

ARS0347E

> **The system cannot find the correct application group information based on the ID provided. ID=order, File=num, Line=%3**

Explanation: The information required to run an application is specified in the application group. The application information submitted did not meet the requirements specified for this application in the application group.

User response: Verify that the application information is correct. Then resubmit the command.

ARS0348E

> **The system cannot locate the information required to render a document.**
> **Application Group Name=order, Load Name=num, File=%3, Line=%**

Explanation: The information available to retrieve and display the document was incorrect.

User response: Verify that the document information is correct. Then, resubmit the command.

ARS0349E **When the tracing feature is enabled, you must also extend the shared memory by setting the extended shared memory option to ON: EXTSHM=ON.**

Explanation: When you run DB2 on AIX and tracing is enabled, the system is unable to allocate shared memory.

User response: Set the extended shared memory option to ON: EXTSHM=ON. Then, resubmit the command.

ARS0350E **The query cannot be sorted. The number of tables that are required (order) to perform the query exceeds the maximum number of tables that are allowed (num) for the sort.**

Explanation: The server cannot perform the requested sort operation because the query is divided into multiple queries for performance reasons.

User response: Correct and resubmit the query.

ARS0351I **The program instance *instance* is ready.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0352I   **The program instance instance is ending.**

Explanation: The server processing is ending. This message is for informational purposes only.

User response: No action is required.

ARS0353I   **The recipient (recipient) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0354I   **The recipient (recipient) was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0355I   **The recipient was updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0356I   **The recipient list (recipient_list) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0357I   **The recipient list (recipient_list) was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0358I   **The recipient list (recipient_list) was updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0359I   **The recipient (recipient) was added to the recipient list (recipient_list) in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0360I   **The recipient (recipient) was deleted from the recipient list (recipient_list) in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0361I   **The email template (email_template) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0362I   **The email template was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0363I   **The specified email template (email_template) was updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0364I   **The report identifier (report_id) based on Application Group Name(applgrp_name) Application Name(appl_name) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0365I   **The report identifier (report_id) based on Application Group Name(applgrp_name) Application Name(appl_name) was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0366I   **The report identifier (report_id) based on Application Group Name(applgrp_name) Application Name(appl_name) was updated from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0367I   **The bundle (Distribution Name(dist_name) Recipient(recipient) Sequence(sequence) Report Id(report_id)) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0368I   **The bundle (Distribution Name(dist_name) Recipient(recipient) Sequence(sequence) Report Id(report_id)) was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0369I   **The bundle (Distribution Name(dist_name) Recipient(recipient) Sequence(sequence) Report Id(report_id)) was updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0370I   **The distribution (Distribution Name(dist_name) Recipient(recipient)) was added to ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0371I	**The distribution (Distribution Name(dist_name) Recipient(recipient)) was deleted from ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0372I	**The distribution (Distribution Name(dist_name) Recipient(recipient)) was updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0373I	**The specified distribution (dist_name) and recipient(recipient) was copied based on an existing distribution (copy_dist_name) and recipient(copy_dist_recipient) in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0374I	**The bundle sequences (Distribution Name(dist_name) Recipient(recipient)) were updated in ODF.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0385W	**ARSRD has been waiting** *minutes* **minutes for the** *thread* **subsystem to** *status***: Distributions - Complete(***distributions_complete***) Incomplete(***distributions_incomplete***) Failed(***distributions_failed***) Retrying(***distributions_retrying***)**

Explanation: The ARSRD command is waiting for a child thread to comply with a status change request from the parent process.

User response: Wait for the child threads to respond to the status change request or terminate the ARSRD process and restart it.

ARS0389I	**Results of distribution processing: Total(***total***) - New(***new***) Backlog(***backlog***).**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0390I	**The following report load is processing: Distribution Name(***report***) Report Name(***loadids***) Loads(***%3***).**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS0391I	*time* **DISPLAY CONFIG**

Explanation: This message is issued in response to a MODIFY ARSSOCKD,D CONFIG command

User response: No action is required.

ARS0392I	*time* **DISPLAY ENVAR**

Explanation: This message is issued in response to a MODIFY ARSSOCKD,D ENVAR command

User response: No action is required.

ARS0393D **Reply with TERM to terminate Content Manager OnDemand, CONT to continue, or start the DB2 subsystem.**

Explanation: The DB2 subsystem ssid was not available when the server was initialized. The server is waiting for the DB2 subsystem to become available. When the DB2 subsystem becomes available, this message will be deleted.

For example: ARS0393D Waiting for DB1M DB2 subsystem. Reply 'TERM' to terminate CMOD, 'CONT' to continue, or start DB2

User response: Start the required DB2 subsystem. If the server terminates, reply with TERM. If the server attempts to initialize without the specified DB2 sybsystem, reply with CONT.

ARS0394I **Invalid reply 'text'**

Explanation: An invalid reply, text, was provided in response to a WTOR. The WTOR will be reissued.

For example: ARS0394I Invalid reply 'FOO'

User response: Provide a valid response to the reissued WTOR

ARS0395I **DB2 is terminating; therefore, OnDemand will terminate.**

Explanation: A -STOP DB2 command was issued. In order to allow the DB2 subsystem to terminate, the OnDemand server is terminating.

User response: Issue a -START DB2 command and then restart the OnDemand server.

ARS0396I *time* **DISPLAY STATUS**

Explanation: This message is issued in response to a MODIFY ARSSOCKD,D STATUS command

User response: No action is required.

ARS0397I **The following document was added to full text index: ApplGroupName(***appl_group_name***) Agid(***agid***) Full Text Index Notified(***fti_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents were sent to the full text index.

User response: No action is required.

ARS0398E **The following document was not added to full text index: ApplGroupName(***appl_group_name***) Agid(***agid***) Full Text Index Notified(***fti_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents failed to be sent to the full text index.

User response: No action is required.

ARS0399I **Document Full Text Index Delete: ApplGroupName(***appl_group_name***) Agid(***agid***) Full Text Index Notified(***fti_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents were deleted from the full text index.

User response: No action is required.

ARS0400E **The following document deleted from full text index: ApplGroupName(***appl_group_name***) Agid(***agid***) Full Text Index Notified(***fti_notified***) Count(***count***) Time(***time***).**

Explanation: The application group document or documents failed to be deleted from the full text index.

User response: No action is required.

ARS0401I   The following document updated for full text index: ApplGroupName(*appl_group_name*) Agid(*agid*)
Full Text Index Notified(*fti_notified*) Count(*count*) Time(*time*).

Explanation: The application group document or documents were sent to be updated in the full text index.

User response: No action is required.

ARS0402E   The following document was not updated for full text index: ApplGroupName(*appl_group_name*)
Agid(*agid*) Full Text Index Notified(*fti_notified*) Count(*count*) Time(*time*).

Explanation: The application group document or documents failed to be sent to be updated in the full text index.

User response: No action is required.

ARS0403I   The following application group was deleted from the full text index:
ApplGroupName(*appl_group_name*) Agid(*agid*) Full Text Index Notified(*fti_notified*) Time(*time*)

Explanation: The application group was deleted from the full text index.

User response: No action is required.

ARS0404E   The following application group was not deleted from full text index:
ApplGroupName(*appl_group_name*) Agid(*agid*) Full Text Index Notified(*fti_notified*) Time(*time*).

Explanation: The application group failed to be deleted from the full text index.

User response: No action is required.

ARS0405I   The following application group was updated to no longer use full text index:
ApplGroupName(*appl_group_name*) Agid(*agid*) Full Text Index Notified(*fti_notified*) Time(*time*).

Explanation: The application group was updated to no longer use full text indexing.

User response: No action is required.

ARS0406E   Update of the following application group for full text index failed:
ApplGroupName(*appl_group_name*) Agid(*agid*) Full Text Index Notified(*fti_notified*) Time(*time*).

Explanation: The application group failed to update full text index because it no longer uses the full text index.

User response: No action is required.

ARS0407I   Deleted the following application from full text index: ApplGroupName(*appl_group_name*) Agid(*agid*)
Aid(*aid*) Full Text Index Notified(*fti_notified*) Time(*time*)

Explanation: The application was deleted from the full text index.

User response: No action is required.

ARS0408E   Deletion of the following application from full text index failed: ApplGroupName(*appl_group_name*)
Agid(*agid*) Aid(*aid*) Full Text Index Notified(*fti_notified*) Time(*time*).

Explanation: The application failed to be deleted from the full text index.

User response: No action is required.

ARS0409E   Unable to load data because full text index is defined but no full text indexer server is specified in
Application Group Name(*appl_group_name*), Agid(*agid*).

Explanation: The application failed to load because no full text indexer server name is specified.

User response: Define a server name in the application group for the full text indexer, or ensure that ARSLOAD is
the same version as the OnDemand server.

ARS0410W **Login failed: Disabled(***hostname***) Locked Out(***%2***) Failed Attempts(***number_of_failed_attempts***) Last Successful Login(***date_and_time***) %5.**

Explanation: A Windows client failed to log on to the server because the user ID is disabled.

User response: The password, disable flag, or both for the user definition must be updated using an OnDemand administrative client.

ARS0417I **The following documents were added: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents were sent to CM Fed.

User response: No action is required.

ARS0418E **The following documents were not added: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents failed to be sent to CM Fed.

User response: No action is required.

ARS0419I **The following documents were deleted: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents were deleted from CM Fed.

User response: No action is required.

ARS0420E **Deletion of the following documents failed: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents failed to be deleted from CM Fed.

User response: No action is required.

ARS0421I **Update of the following document was successful: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents were sent to be updated in CM Fed.

User response: No action is required.

ARS0422E **Update of the following document failed: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Count(***count***) Time(***time***)**

Explanation: The application group document or documents failed to be sent to be updated in CM Fed.

User response: No action is required.

ARS0423I **The following application group was deleted: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Time(***time***)**

Explanation: The application group was deleted from CM Fed.

User response: No action is required.

ARS0424E **Deletion of the following application group failed: ApplGroupName(***appl_group_name***) Agid(***agid***) CM Fed Notified(***cmfed_notified***) Time(***time***)**

Explanation: The application group failed to be deleted from CM Fed.

User response: No action is required.

| **ARS0425I** | The following application group was updated: ApplGroupName(*appl_group_name*) Agid(*agid*) CM Fed Notified(*cmfed_notified*) Time(*time*) |

Explanation: The application group was updated to no longer use full text indexing.

User response: No action is required.

| **ARS0426E** | Update of the following application group failed: ApplGroupName(*appl_group_name*) Agid(*agid*) CM Fed Notified(*cmfed_notified*) Time(*time*) |

Explanation: The application group failed to update CM Fed because it no longer uses CM Fed.

User response: No action is required.

| **ARS0427I** | Deleted the following application: ApplGroupName(*appl_group_name*) Agid(*agid*) Aid(*aid*) CM Fed Notified(*cmfed_notified*) Time(*time*) |

Explanation: The application was deleted from CM Fed.

User response: No action is required.

| **ARS0428E** | Deletion of the following application failed: ApplGroupName(*appl_group_name*) Agid(*agid*) Aid(*aid*) CM Fed Notified(*cmfed_notified*) Time(*time*). |

Explanation: The application failed to be deleted from CM Fed.

User response: No action is required.

| **ARS0429E** | TSM Error: *message*, Return Code=*return_code*, Reason=*reason_code*, File=*file_name*, Line=*line_number* |

Explanation: Tivoli Storage Manager (TSM) failed.

User response: See the Tivoli Storage Manager messages and codes publication for information about the Tivoli Storage Manager error, return code, and reason.

| **ARS0430E** | OAM Error: *message*, Return Code=*return_code*, Reason=*reason_code*, File=*file_name*, Line=*line_number* |

Explanation: The storage manager failed.

User response: See the OAM messages and codes publication for information about the OAM error, return code, and reason.

| **ARS0431E** | VSAM Error: *message*, Return Code=*return_code*, Reason=*reason_code*, File=*file_name*, Line=*line_number* |

Explanation: The storage manager failed.

User response: See the VSAM messages and codes publication for information about the VSAM error, return code, and reason.

| **ARS0432E** | V2/IAFC OAM Error: *message*, Return Code=*return_code*, Reason=*reason_code*, File=*file_name*, Line=*line_number* |

Explanation: The storage manager failed.

User response: See the OAM messages and codes publication for information about the OAM error, return code, and reason.

| **ARS0433E** | ASM Error: *message*, File=*file_name*, Line=*line_number* |

Explanation: The storage manager failed.

User response: See the server job log for specific ASM messages about this error.

ARS0434E   Database <*database_name*> not found for application group <*appl_group_name*>.

Explanation: The database associated with an application group could not be found in SYSIBM.SYSDATABASE.

User response: Verify that the database associated with the application group is correct.

ARS0436E   Unable to find an assigned user ID for the OnDemand command or database <*cmd*> from stash file <*stash_file*>.

Explanation: OnDemand is unable to get the necessary information from the OnDemand stash file to proceed.

User response: Verify that the specified OnDemand stash file contains a correct user ID for the OnDemand command or database.

ARS0437E   The OnDemand stash file <*stash_file*> either does not exist or is not valid. The return code is *rc*.

Explanation: OnDemand is unable to get the necessary information from the OnDemand stash file to proceed.

User response: Verify that the specified OnDemand stash file exists and is correct.

ARS0980I

> **Usage: arssockd [options]**
> **Version:** *version*
> **-h <od_inst> OnDemand instance name or host name (same as -I)**
> **-I <od_inst> OnDemand instance name or host name (same as -h)**
> **-p Display process usage information for the given instance**
> **-q Display configuration and version information for the given instance**
> **-r <iterations> Number of iterations (defaults to 1)**
> **-s <seconds> Number of seconds between iterations (defaults to 1)**
> **-S Start the OnDemand server for the given instance**
> **-T Stop the OnDemand server for the given instance**
> **-v Verbose output**
> **-x Extended information (when used with -p)**
> **-1 <trace_file> Trace file**
> **-2 <trace_level> Trace level**

Explanation: The arssockd command contains an incorrect parameter.

User response: The message text lists the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1000I

> **Usage: arsadmin [load | load_db | unload | store | retrieve**
> **| import | res_diff | postprocess_cmd | indexer | psf_options**
> **| msgs | compress | decompress | iconv]**
>   **Version:** *version*

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, see the OnDemand *Administration Guide*.

ARS1001I

> **Usage: arsadmin load [options]**
>   **Version:** *version*
>   **load Load OnDemand**
>   **-a <name> Application Name. (Not needed if 1 app in appl group)**
>   **-d <dir> If (-f), then directory to write object files into (Default current dir)**

                                        -e <res_id>
                                           If (-r)
                                              0, Check for duplicates. (Default)
                                              Otherwise, Load as new resource
                                           Else
                                              Resource Id to use. (Defaults to 0, no resource)
                                   -f Create Objects as files. (Default: load while processing)
                                   -g <name> Application Group Name
                                   -h <od_inst> OnDemand library server or instance name (same as -I)
                                   -i <ind_file> Input Index File
                                   -I <od_inst> OnDemand library server or instance name (same as -h)
                                   -n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
                                   -o <out_file> Output DB File
                                   -p <passwd> OnDemand User Login Password
                                   -r <res_file> Input Resource File
                                   -s <src_file> Input Doc Source File
                                   -u <userid> OnDemand User Login Name
                                   -y <char> Column Delimiter. (Default 'Horizontal Tab')
                                   -Z <user_def> User defined string passed to load user exit
                                   -1 <trace_file> Fully qualified trace file name
                                   -2 <level> Trace level number. The values are additive. (Default: 3)
                                         1: Errors
                                         2: Warnings
                                         4: Info
                                         8: Flow

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1002I

            Usage: arsadmin load_db [options]
                      Version: *version*
                      load_db Load the database from a file
                                   -a <name> Application Name. (Not needed if 1 app in appl group)
                                   -g <name> Application Group Name
                                   -h <od_inst> OnDemand library server or instance name (same as -I)
                                   -I <od_inst> OnDemand library server or instance name (same as -h)
                                   -L <load_ID> LoadId to use for OnDemand
                                   -p <passwd> OnDemand User Login Password
                                   -s <db_file> Input Database File
                                   -u <userid> OnDemand User Login Name
                                   -y <char> Column Delimiter. (Default 'Horizontal Tab')
                                 -Z <user_def> User defined string passed to load user exit.
                                   -1 <trace_file> Fully qualified trace file name
                                   -2 <level> Trace level number. The values are additive. (Default: 3)
                                         1: Errors
                                         2: Warnings
                                         4: Info
                                         8: Flow

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1003I

> Usage: arsadmin unload [options]
> > **Version:** *version*
> > unload Unload a LoadId from OnDemand
> > > -D <pct> Threshold of load being held before reloading
> > (defaults to 0%% - not reloaded)
> > > -g <name> Application Group Name
> > > -h <od_inst> OnDemand library server or instance name (same as -I)
> > > -I <od_inst> OnDemand library server or instance name (same as -h)
> > > -L <load_ID> LoadId to delete from OnDemand
> > > -N Skip looking up the LoadId in System Log
> > > -p <passwd> OnDemand User Login Password
> > > -Q Continue if unable to find LoadId in System Log
> > > -u <userid> OnDemand User Login Name
> > > -1 <trace_file> Fully qualified trace file name
> > > -2 <level> Trace level number. The values are additive. (Default: 3)
> > > > 1: Errors
> > > > 2: Warnings
> > > > 4: Info
> > > > 8: Flow

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1004I

> Usage: arsadmin store [options]
> > **Version:** *version*
> > store   Load file(s) into OnDemand
> > > -d <dir> Directory to find files.   (Default current dir)
> > > -g <name> Application Group Name
> > > -h <od_inst> OnDemand library server or instance name (same as -I)
> > > -I <od_inst> OnDemand library server or instance name (same as -h)
> > > -m <loc> The location to load the data
> > > > The values are additive.   (Default: 7)
> > > > 1 Cache (If exists)
> > > > 2 Primary Node (If exists)
> > > > 4 Secondary Node (If exists)
> > > -n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
> > > -p <passwd> OnDemand User Login Password
> > > -u <userid> OnDemand User Login Name
> > > -1 <trace_file> Fully qualified trace file name
> > > -2 <level> Trace level number. The values are additive. (Default: 3)
> > > > 1: Errors
> > > > 2: Warnings
> > > > 4: Info
> > > > 8: Flow
> > > <file1..n> List of files

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1005I

> **Usage: arsadmin retrieve [options]**
> > **Version:** *version*
> > **retrieve Retrieve file(s) from OnDemand**
> > > **-b <off> Offset to begin at. (Default 0)**
> > > **-d <dir> Directory to retrieve files into. (Default current dir)**
> > > **-g <name> Application Group Name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-l <len> Length to end at. (Default object size)**
> > > **-m <loc> The location to extract the data**
> > > > **The values are additive. (Default: 3)**
> > > > **1 Cache (If exists)**
> > > > **2 Primary Node (If exists)**
> > > > **4 Secondary Node (If exists)**
> > > **-n <pri_nid-sec_nid> Primary/Secondary Node Identifiers**
> > > **-p <passwd> OnDemand User Login Password**
> > > **-u <userid> OnDemand User Login Name**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**
> > > **<file1..n> Retrieve file(s) from OnDemand**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1006I

> **Usage: arsadmin import [options]**
> > **Version:** *version*
> > **import Import Database Table**
> > > **-g <name> Application Group Name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-p <passwd> OnDemand User Login Password**
> > > **-u <userid> OnDemand User Login Name**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**
> > > **<table_name> Tablename to reimport**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1007I

> **Usage: arsadmin res_diff [options]**
> > **Version:** *version*
> > **res_diff Resource Comparison**
> > > **-a <name> Application Name. (Not needed if 1 app in appl group)**
> > > **-g <name> Application Group Name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-n <pri_nid-sec_nid> Primary/Secondary Node Identifiers**
> > > **-p <passwd> OnDemand User Login Password**
> > > **-u <userid> OnDemand User Login Name**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**
> > > **<res_file1..n> Resource File(s) to compare to existing resources**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1008I

> **Usage: arsadmin postprocess_cmd [options]**
> > **Version:** *version*
> > **postprocess_cmd Write the Post Process Command on stdout**
> > > **-a <name> Application Name. (Not needed if 1 app in appl group)**
> > > **-g <name> Application Group Name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-p <passwd> OnDemand User Login Password**
> > > **-u <userid> OnDemand User Login Name**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1009I

> **Usage: arsadmin indexer [options]**
> > **Version:** *version*
> > **indexer Write the Indexer and Indexer Parms on stdout**
> > > **-a <name> Application Name. (Not needed if 1 app in appl group)**
> > > **-g <name> Application Group Name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-p <passwd> OnDemand User Login Password**
> > > **-u <userid> OnDemand User Login Name**

                         -1 <trace_file> Fully qualified trace file name
                         -2 <level> Trace level number. The values are additive. (Default: 3)
                              1: Errors
                              2: Warnings
                              4: Info
                              8: Flow

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1010I

         Usage: arsadmin psf_options [options]
                  Version: *version*
                  psf_options Write the PSF Print Options on stdout
                              -a <name> Application Name. (Not needed if 1 app in appl group)
                              -g <name> Application Group Name
                              -h <od_inst> OnDemand library server or instance name (same as -I)
                              -I <od_inst> OnDemand library server or instance name (same as -h)
                              -p <passwd> OnDemand User Login Password
                              -u <userid> OnDemand User Login Name
                              -1 <trace_file> Fully qualified trace file name
                              -2 <level> Trace level number. The values are additive. (Default: 3)
                                   1: Errors
                                   2: Warnings
                                   4: Info
                                   8: Flow

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1011I

         Usage: arsadmin msgs [options]
                  Version: *version*
                  msgs Log messages to the server
                              -h <od_inst> OnDemand library server or instance name (same as -I)
                              -I <od_inst> OnDemand library server or instance name (same as -h)
                              -p <passwd> OnDemand User Login Password
                              -s <src_file> Input ASCII Text File to store with message
                              -u <userid> OnDemand User Login Name
                              -M <msg_num> OnDemand Message Number
                              -1 <trace_file> Fully qualified trace file name
                              -2 <level> Trace level number. The values are additive. (Default: 3)
                                   1: Errors
                                   2: Warnings
                                   4: Info
                                   8: Flow
                              [arg1] [arg2] [arg3] [arg4]

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1012I

> **Usage: arsadmin compress [options]**
> > **Version:** *version*
> > **compress Compress a file**
> > > **-b <off> Offset to begin at.   (Default 0)**
> > > **-c <type> Document Compress Type**
> > > > **'D' Disable compression**
> > > > **'F' OD77 Lite Compression**
> > > > **'L' LZW12 Compression**
> > > > **'N' No Compression**
> > > > **'O' OD77 Compression (Default)**
> > > > **'Z' LZW16 Compression**
> > > **-l <len> Length to end at.   (Default file size)**
> > > **-o <out_file> Output File**
> > > **-s <src_file> Input File**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1013I

> **Usage: arsadmin decompress [options]**
> > **Version:** *version*
> > **decompress Decompress a file**
> > > **-b <off> Offset to begin at.   (Default 0)**
> > > **-c <type> Document Compress Type**
> > > > **'D' Disable compression**
> > > > **'F' OD77 Lite Compression**
> > > > **'L' LZW12 Compression**
> > > > **'N' No Compression**
> > > > **'O' OD77 Compression (Default)**
> > > > **'Z' LZW16 Compression**
> > > **-l <len> Length to end at.   (Default file size)**
> > > **-o <out_file> Output File**
> > > **-s <src_file> Input File**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. Verify and correct the command parameters and resubmit the command. For more information about this command, see the Content Manager OnDemand Administration Guide.

ARS1014I

> **Usage: arsadmin iconv [options]**
> > **Version:** *version*
> > **iconv Performs codepage conversion**
> > > **-F <from_codepage> Input File Codepage**
> > > **-o <out_file> Output File**
> > > **-s <src_file> Input File**
> > > **-F <from_codepage> Input File Codepage**
> > > **-T <to_codepage> Output File Codepage**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1015I

> **Usage: arsadmin logid [options]**
> > **Version:** *version*
> > **logid Get a log ID from the server**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1016I

> **Usage: arsadmin update_defs [options]**
> > **Version:** *version*
> > **update_defs Updates report definition parameters**
> > > **-a <name> Application name (not required if only one app in appl group)**
> > > **-g <name> Application group name**
> > > **-h <od_inst> OnDemand library server or instance name (same as -I)**
> > > **-I <od_inst> OnDemand library server or instance name (same as -h)**
> > > **-O <obj_server_name> Name of the object server where storage node resides**
> > > **-p <passwd> OnDemand user login password**
> > > **-R <storage_node_name> Name of the storage node where data will be loaded**
> > > **-s <src_file> Input document source file**
> > > **-u <userid> OnDemand user login name**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager

OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1017E   Storage node >*node_name***< on object server >***obj_server_name***< does not exist in storage set >***set_name***<**

Explanation: The storage node cannot be found in the storage set that is used by the application group.

User response: Resubmit the command with a storage node that exists in the storage set that is used by the application group.

ARS1018E   The CC Type that was returned by the user exit program is not valid

Explanation: The user exit program returned an unknown CC type. The arscsxit.h file contains the valid values for the CC type.

User response: Change the user exit program to return a valid CC type and resubmit the command.

ARS1019E   The RECFM value that was returned by the user exit program is not valid

Explanation: The user exit program returned an unknown RECFM. The arscsxit.h file contains the valid values for the RECFM.

User response: Change the user exit program to return a valid RECFM and resubmit the command.

ARS1020E   The LRECL value of >*lrecl***< that was returned by the user exit program is not valid**

Explanation: The user exit program returned an invalid LRECL value. Valid values for the LRECL type are integers between 1 and 32767.

User response: Change the user exit program to return an LRECL value between 1 and 32767 and resubmit the command.

ARS1023E   Userid >*userid***< does not have permission to update application >***appl_name***< in application group >***applgrp_name***<**

Explanation: The specified user does not have the permissions that are required to perform the action.

User response: Update the user to provide the user with permission to perform the action and then resubmit the command. Otherwise, resubmit the command with a different user ID.

ARS1024I

```
      Usage: sm_expire [options]
       Version:  version
        sm_expire Unloads a list of objects
              -h <od_inst> OnDemand library server or instance name (same as -I)
              -I <od_inst> OnDemand library server or instance name (same as -h)
       -p <passwd> OnDemand User Login Password
       -s <src_file> Input file containing the list of objects to be expired
       -u <userid> OnDemand User Login Name
              -1 <trace_file> Fully qualified trace file name
              -2 <level> Trace level number. The values are additive. (Default: 3)
                  1: Errors
                  2: Warnings
                  4: Info
                  8: Flow
```

Explanation: The arsadmin command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1025I   **An invalid sm_expire object** *object* **was found at line** *lineno* **of file** *file*

Explanation: An invalid sm_expire object was found. For more information about this command, see the *Administration Guide*.

User response: Resubmit the command with the correct parameters.

ARS1026E   **The Delimiter value of >***delim***< that was returned by the user exit program is not valid.**

Explanation: The user exit program returned an invalid delimiter value.

User response: Change the user exit program to return a delimiter string that contains valid hexadecimal values such as 25, 0A, or 0D0A.

ARS1027E   **The user exit userexit_name failed. The return code is rc.**

Explanation: The specified user exit program failed.

User response: Verify that the user exit program functions properly outside of the Content Management OnDemand environment. Make any necessary corrections to the user exit exit program. Then, resubmit the command.

ARS1028I

    Usage: arsadmin trace [options]
        Version: *version*
        trace Converts trace file into XML
                -o <out_file> Output File
                -s <src_file> Input File
                -1 <trace_file> Fully qualified trace file name
                -2 <level> Trace level number. The values are additive. (Default: 3)
                        1: Errors
                        2: Warnings
                        4: Info
                        8: Flow

Explanation: An incorrect parameter was specified for the command.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information on the correct command parameters. Verify and correct the command parameters and resubmit the command.

ARS1102E   **Invalid option >-***option***< for command >***command***<**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS1103E   **Option >-***option***< requires an argument**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS1104E   **The option >-***option***< argument >***argument***< is invalid**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS1105E   **Userid or password is invalid**

Explanation: An incorrect user ID or password was specified.

User response: Resubmit the command with a valid user ID and password.

ARS1106E   **Connection cannot be established for the >***hostname***< server**

Explanation: The command could not communicate with the specified server.

User response: Resubmit the command with the valid name of an OnDemand server. If the problem persists, verify that the server is running and is configured correctly.

ARS1107E   **An error occurred. Contact your System Administrator and/or consult the System Log. File=***file***, Line=***line***

Explanation: An error occurred while this program was running. Other messages with the same log ID might provide additional information about the error.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the command. If the problem persists, contact your IBM Service Representative.

ARS1108E   **User >***user_name***< does not have permission to perform the specified action**

Explanation: The specified user does not have the permissions that are required to perform the action.

User response: Either update the user's permissions and resubmit the command or submit the command with a different user ID.

ARS1109E   **Unable to allocate enough memory. File=***file***, Line=***line***

Explanation: The command failed when attempting to allocate sufficient memory to run the action.

User response: Determine why memory could not be allocated by looking at the operating system and application task status. If necessary, close other applications to free memory. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS1110E   **The application group >***appl_grp_name***< does not exist or user >***user_name***< does not have permission to access the application group**

Explanation: Either the specified application group name is not correct or the specified user does not have the permissions that are required to perform the action.

User response: Verify the name of the application group, or verify the user ID and that the user has permission to perform the action. Then resubmit the command.

ARS1111E   **The application >***appl_name***< does not exist within the application group >***appl_grp_name***<**

Explanation: The specified application does not belong to the specified application group.

User response: Verify the name of the application and the name of the application group. Then resubmit the command.

ARS1112E   **Unable to open the file:** *file_name*

Explanation: The specified file does not exist or the permissions do not allow the file to be opened.

User response: Verify that the file exists and that its permissions allow the file to be opened. Then resubmit the command.

ARS1113E   Unable to seek to position *offset* **in the file:** *file_name*

Explanation: The command failed when attempting to find the correct position within the file. The input file might be too large. Input files for ACIF, the IBM Content Manager OnDemand PDF Indexer, and the Generic Indexer can not exceed 2 GB. There is no file size limit for the z/OS Indexer.

User response: Verify the file permissions and verify that the file size does not exceed the maximum file size for the indexing program in use. If the file does exceed the limit, take steps to reduce the size of the file. Then, resubmit the command.

ARS1114E   Unable to read from offset *offset_position* **for length** *length_position* **from the file:** *file_name*

Explanation: The command failed when attempting to read the specified file. The following is an example of a possible scenario: While loading an AFP report, ARSLOAD scans the output file that was produced by ACIF searching for page groups. The page groups are delimited by Begin Named Group (BNG) and End Named Group (ENG) AFP structured fields. ARSLOAD uses the index file produced by ACIF to determine the location and length of the page groups in the output file. If the end of the output file is encountered before the start of a page group is found or the end of a page group is found, ARSADMIN issues message ARS1114E.

User response: Verify and correct the offset and length values for the file. Then resubmit the command.

In the scenario, set the ACIF parameters `CC` and `CCTYPE` as `CC=YES` and `CCTYPE=A`. ACIF requires that the page groups in the AFP report be delimited by a BNG and ENG structured field.

ARS1115E   Unable to write the file: *file_name*

Explanation: The command failed when attempting to write to the specified file.

User response: Verify that the location for the file contains sufficient free space to write to the file. Then resubmit the command.

ARS1116E   Unable to close the file: *file_name*

Explanation: The command failed when attempting to close the specified file.

User response: Verify that the location for the file contains sufficient free space to close the file. Then resubmit the command.

ARS1117E   Unable to gather statistics about the file: *file_name*

Explanation: The command failed when attempting to get information about the specified file.

User response: Verify that the file exists and verify the file permissions. Then resubmit the command.

ARS1118E   Unable to create the file: *file_name*

Explanation: The command failed when attempting to create the specified file.

User response: Verify that the directory in which the file is being created has sufficient free space and that the directory permissions allow for the creation of files. Then resubmit the command.

ARS1119E   File > *file_name* **< is empty**

Explanation: The specified file contains no data.

User response: Verify that the file exists, that the name of the file is correct, and that the file contains data. Then resubmit the command.

ARS1120E   The LZW decompression only handles files with a maximum of *lzw_bits* **bits**

Explanation: The LZW compression algorithm can only handle from 12 to 16 bits.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the compression. If the problem persists, contact your IBM Service Representative.

ARS1121E   **The input file is not in LZW compressed format**

Explanation: The input file is not in the LZW format.

User response: Resubmit the command with an input file that is in the correct compression format.

ARS1122E   **Unable to open the** *input_codepage* **to** *output_codepage* **iconv converter**

Explanation: The command failed when attempting to open the code page converter.

User response: Check to ensure that the converter codepage exists in the `cnvrtrs.txt` file, and that the ICU Data Library is in the locale directory and has the correct permissions. Then try the command again. Contact your IBM Service Representative.

ARS1123E   **Row** *row_number***: The iconv converter failed converting string >***string***<. errno =** *errno*

Explanation: The command failed when attempting to convert a string. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Verify that the data is valid within the specified code pages. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS1124E   **Row** *row_number***: The value '***value***' cannot be converted to a valid small integer**

Explanation: The specified value is invalid for a small integer. A small integer has a value between -32767 and 32767.

User response: Change the indexing information so that the value is valid for a small integer.

ARS1125E   **Row** *row_number***: The value '***value***' cannot be converted to a valid integer**

Explanation: The specified value is invalid for an integer.

User response: Change the indexing information so that the value is valid for an integer.

ARS1126E   **Row** *row_number***: The value '***value***' cannot be converted to a valid decimal number**

Explanation: The specified value is invalid for a decimal.

User response: Change the indexing information so that the value is valid for a decimal.

ARS1127E   **Row** *row_number***: The string \"***string***\" has a length of** *length* **and the field has a maximum length of** *field_length*

Explanation: The length of the specified string exceeds the maximum length of the specified field.

User response: Increase the size of the field in the indexing information or shorten the string. Then resubmit the command.

ARS1128E   **Row** *row_number***: The string \"***string***\" has the column delimiter in it**

Explanation: The command failed because the specified string contains a character that is the same as the column delimiter that is currently being used by the command.

User response: Resubmit the command with a different column delimiter.

ARS1129E   **Row** *row_number***: The string \"***string***\" could not be converted to a date from the format of** *date_format*

Explanation: The string could not be converted to a date because it did not match the date format. Date formats might vary by application. Both the invalid string and the required format are shown in the message.

User response: Change the date value to match the default date format or specify a different date format.

ARS1130E   *submitted_fields* **fields submitted by the indexer,** *expected_fields* **expected**

Explanation: The load program cannot continue unless it receives all of the fields that are required to store the document. Field requirements might vary by application. Both the submitted fields and the required fields are shown in the message.

User response: Verify that the indexing parameters correctly identify all of the fields that are required. Then resubmit the command.

ARS1131E   **The compressed object is too small to compress**

Explanation: There is not enough input data for the LZW compression algorithm to compress.

User response: Resubmit the command with a different compression option. **Recommended action:** Specify the OD77 compression option.

ARS1132I   **The compressed object has compressed larger than the original data**

Explanation: The compressed data became larger than the original input data. This message is usually the result of trying to compress data that is already compressed.

User response: Disable compression in the application and resubmit the command.

ARS1133I   **The last row successfully loaded was** *row_number*

Explanation: ARSADMIN load_db finished loading. This message is for your information only.

User response: No action is required.

ARS1134E   **Invalid structured field header in the file** *file_name*

Explanation: The AFP data has a structured field header that was not constructed correctly.

User response: Verify that the AFP data conforms to the AFP specification. See the *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1135E   **Unable to find the X'***structured_field***' structured field in the file** *file_name*

Explanation: The AFP data does not contain a required structured field.

User response: Verify that the AFP data conforms to the AFP specification. See the *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1136E   **Unexpected structured field X'***structured_field***' in the file** *file_name*

Explanation: The AFP data contains an invalid structured field.

User response: Verify that the AFP data conforms to the AFP specification. See the *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1137E   **Unable to find the triplet X'***triplet***' for the structured field X'***structured_field***' in file** *file_name*

Explanation: The AFP data does not contain a required triplet for the structured field.

User response: Verify that the AFP data conforms to the AFP specification. See the *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1138W   **Warning: Unable to find the triplet X'*triplet*' for the structured field X'*structured_field*' in the file** *file_name*

Explanation: The AFP data does not contain a required triplet for the structured field, however processing can continue.

User response: Verify that the AFP data conforms to the AFP specification. See *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1139E   **Unable to find the triplet X'*triplet*' of type X'*type*' for the structured field X'*structured_field*' in the file** *file_name*

Explanation: The AFP data does not contain a required triplet type for the structured field.

User response: Verify that the AFP data conforms to the AFP specification. See the *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*, SC31-6802 for more information about the correct format of the structured field.

ARS1140I   **Resource** *resource_name* **matches the resource >***rid-pri_nid-sec_nid***<**

Explanation: A resource that is used by a document already exists on the system. OnDemand will use the resource that exists on the system. This message is for your information only.

User response: No action is required.

ARS1141I   **Resource** *resource_name* **does not match any existing resources**

Explanation: The specified resource does not exist on the system. This message is for your information only.

User response: No action is required.

ARS1142I   **Resource** *resource_name* **will be added as resource >***rid-pri_nid-sec_nid***<. Compression Type(***compress_type***) Original Size(***original_size***) Compressed Size(***compressed_size***)**

Explanation: The specified resource was added to the system. This message is for your information only.

User response: No action is required.

ARS1143I   **The field name '***field_name***' found in the index file does not match any expected fields. The field will be ignored.**

Explanation: The specified field was found in the index file. However, the field will not be used because it is not defined in the application group.

User response: No action is required. However, you should verify that the field is not needed to load or retrieve data.

ARS1144I   **OnDemand Load Id = >***agid-pri_nid-sec_nid-name-start_date-stop_date***<**

Explanation: The load ID is given for the current report load. You can use this load ID to find or unload the data from this report load. This message is for your information only.

User response: No action is required.

ARS1145E   **Line** *line_number***: Unable to read next column from input file**

Explanation: ARSADMIN failed when attempting to read the input file. This message is usually the result of an invalid delimiter in the input file. The column delimiters are the vertical bar (|) character by default. You can specify a different delimiter on the command line with the **-y** parameter.

User response: Verify that the input file is properly constructed and resubmit the command.

ARS1146I   Loaded *rows* **rows into the database**

Explanation: The specified number of rows were loaded into the database for this report. This message is for your information only.

User response: No action is required.

ARS1147I   *rows* **rows written to output file**

Explanation: The specified number of rows were written to an output file for this report. This message is for your information only.

User response: No action is required.

ARS1148E   **This application has no indexer defined**

Explanation: There is no indexer associated with the OnDemand application.

User response: In the Content Manager OnDemand administrative client, choose a valid indexer for the application. Then resubmit the command.

ARS1149E   **This application has an unknown type of indexer**

Explanation: The indexer that is specified for the application is not a valid indexer.

User response: In the Content Manager OnDemand administrative client, choose a valid indexer for the application. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1154W   **The password for userid >***user_name***< has expired, please change password**

Explanation: The user's password expired.

User response: Change the password for the user and then resubmit the command. Passwords might be case sensitive.

ARS1155E   **Unable to fork a child process. errno=***errno***, File=***file***, Line=***line*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: Close other applications to free memory, or restart the OnDemand client. Then try the command again. See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS1156E   **The command >***command***< must be run as the instance owner >***instance_owner***<**

Explanation: The command must be run under the user ID of the instance owner.

User response: Resubmit the command and specify the user ID of the instance owner.

ARS1157E   **Unable to store the object >***object_name***<. Object size** *object_size*

Explanation: The command failed when attempting to store the specified object.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the command. If the problem persists, contact your IBM Service Representative.

ARS1158E   **Failed while attempting to load the database**

Explanation: The command failed when attempting to load the database.

User response: Determine the log ID and search the Content Manager OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1159E   Unable to retrieve the object >*object_name***<**

Explanation: The command failed when attempting to retrieve the specified object.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS1160E   Unable to get resource identifier

Explanation: The command failed when attempting to get a resource identifier.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1161E   Unable to get LoadId

Explanation: The command failed when attempting to get a load ID.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1163E   No source file was specified

Explanation: A source (input) file was not specified.

User response: Resubmit the command with a valid source (input) file.

ARS1164E   Unable to register the resource

Explanation: The command failed when attempting to register a resource.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1165E   Unable to get existing resource information

Explanation: The command failed when attempting to get existing resource information.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1166E   Unable to save load information

Explanation: The command failed when attempting to save load information.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1167E   Warning: Resource >*resource_name***< is empty, no resource will be used for documents**

Explanation: The resource file is empty.

User response: Verify that the data that is being loaded does not require resources or, if it does, specify a valid resource.

ARS1168E   Unable to determine Storage Node

Explanation: The command failed to get the storage node information.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1169W   The object already exists

Explanation: The object already exists.

User response: Verify the parameters and resubmit the command, or submit the command with a different object name.

ARS1170W   The object does not exist

Explanation: The server was unable to find a requested object.

User response: Verify the name of the object and resubmit the command with the correct parameters.

ARS1171E   The client and server are incompatible. Reinstall OnDemand

Explanation: The client software and server software are not compatible. They must be the same version or compatible versions.

User response: Upgrade the client software, the server software, or both to the same version or to compatible versions.

ARS1172E   The operation was unsuccessful because the database is read-only

Explanation: The command failed when attempting to process a read-only instance of OnDemand.

User response: Resubmit the command to an instance of OnDemand that is not read-only.

ARS1173E   The server connection has timed out

Explanation: The server forced the command to log off the server because the command did not perform an action on the server within the interval of time that is specified by the inactivity time out value.

User response: Log off the server and log back on to the server. Then resubmit the command. A system administrator can increase the inactivity time out value for this or any other server in the Content Manager OnDemand administrative client. See the online help in the Content Manager OnDemand administrative client for more information.

ARS1174E   Internal product logic error. File=*file*, Line=*line*

Explanation: The program encountered an internal error.

User response: Verify that the API function parameters are correct. Contact your IBM Service Representative.

ARS1175I   Document compression type used - *compress_type*. Bytes Stored = >*bytes_stored*<

Explanation: The specified compression type was used to store the specified number of bytes. This message is for your information only.

User response: No action is required.

ARS1176E   Large Object had no pages specified. Make sure data has been properly indexed.

Explanation: To load large object documents into the system, the load process requires page-level indexing information.

User response: Verify that the indexing parameters are correct and enable the collection of page-level indexing information. Then resubmit the command.

ARS1179E   ICONV Conversion failed. rc=*returnCode*

Explanation: The command failed when attempting to convert the data.

User response: Contact your IBM Service Representative.

ARS1181E **The specified LoadId is not valid for the Application Group**

Explanation: The load ID is not valid for the application group.

User response: Resubmit the command with a load ID that is valid for the application group.

ARS1182E **Unable to convert multibyte character string >***string***< to wide character string**

Explanation: The command failed when attempting to convert a multibyte character string.

User response: Contact your IBM Service Representative.

ARS1183E **Unable to convert wide character string >***string***< to multibyte character string**

Explanation: The command failed when attempting to convert a multibyte character string.

User response: Contact your IBM Service Representative.

ARS1184I **OnDemand UnLoad Successful - LoadId(***agid-pri_nid-sec_nid-name-start_date-stop_date***) Rows Deleted(***rows_deleted***)**

Explanation: A report was successfully deleted from the system. This message is for your information only.

User response: No action is required.

ARS1185W **Warning: Unable to find LoadId in System Log**

Explanation: The command failed to find the load ID in the Content Manager OnDemand System Log. The requested action cannot proceed.

User response: Resubmit the command with a valid load ID.

ARS1186I **LoadId matches existing LoadId in System Log**

Explanation: The command located the load ID in the Content Manager OnDemand System Log. Processing continues. This message is for your information only.

User response: No action is required.

ARS1187W **Warning: LoadId (***load_id***) partially matches existing LoadId (***existing_load_id***) in System Log**

Explanation: The command located a load ID in the Content Manager OnDemand System Log that contains some of the elements of the specified load ID. The requested action cannot proceed.

User response: Verify that the load ID is valid and then resubmit the command.

ARS1188E **Unloading will not continue, specify -Q option to continue**

Explanation: The command failed when attempting to find the load ID. The unload command will not continue.

User response: Resubmit the command with the **-Q** parameter.

ARS1189W **Unloading will continue, however you may need to resubmit this command with the correct LoadId**

Explanation: The specified load ID will be deleted. However, because the load ID does not represent a complete load process, you might need to take additional action to completely remove the report from the system.

User response: Resubmit the command with the load ID that represents the complete load process.

ARS1190E   **Unable to determine codepage from codeset** *rc*

Explanation: OnDemand was not able to determine the code page or code set.

User response: Verify that the codeset converter exists, and is in the correct location. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS1191E   **Unable to terminate the icu conversion** *rc*

Explanation: The command failed when attempting to terminate the code page conversion.

User response: Contact your IBM Service Representative.

ARS1192I   **OnDemand Login:**

Explanation: You must enter a user ID that is valid for the instance of OnDemand that is being processed.

User response: Type a valid user ID and press Enter.

ARS1193I   **OnDemand Password:**

Explanation: The password for the user ID used to log on to the OnDemand instance that is being processed is required.

User response: Type the password for the user ID and press Enter.

ARS1194I   **OnDemand Application Group:**

Explanation: The application group to be processed must be identified.

User response: Type the name of the application group and press Enter.

ARS1195I   **OnDemand Folder:**

Explanation: The folder to be processed must be identified.

User response: Type the name of the folder and press Enter.

ARS1196E   **Invalid generic index file format:** >*value*<

Explanation: The index file contains incorrect index data.

User response: Verify that the index file conforms to the OnDemand generic index file format. Then resubmit the command. See your *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1197E   **Invalid generic index file format sequence**

Explanation: The index file contains incorrect index data.

User response: Verify that the index file conforms to the OnDemand generic index file format. Then resubmit the command. See your *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1201I

Usage: arsmaint [-c [-n <min>] [-x <max>]] [-d] [-D <pct>] [-e]
[-f <full>] [-g <name>] [-i] [-I <od_inst>] [-L] [-m]
[-r] [-R] [-t <internal_date> [-u <userid>] [-p <passwd>]]
        Version: *version*
        -c Expire Cache
        -d Expire Database
        -D <pct> Threshold of load being held before reloading
                    (defaults to 0%% - not reloaded)
        -e Migrate Database Tables

-f <full> Cache Full - When to send alert message (defaults to 95%%)
-g <name> Application Group Name (Defaults to all)
-h <od_inst> OnDemand instance name (same as -I)
-i Expire Migrated Imported Database Tables
-I <od_inst> OnDemand instance name (same as -h)
-m Migrate Cache
-L Update load ID table with application ID
-m Migrate Cache
-n <min> Min cache threshold percentage (Only for -c, Defaults to 80%%)
-p <passwd> OnDemand Passwd (Only for -t)
-r Database Statistics
-R Reload Resources
-s Cache Filesystem statistics
-t <internal_date> Internal Date To Expire/Migrate (Defaults to Today)
-u <userid> OnDemand Userid (Only for -t)
-v Verify/Validate Cache Filesystems
-x <max> Max cache threshold percentage (Only for -c, Defaults to 80%%)

Explanation: The arsmaint command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1202E **User >*user_name*< does not have permission to expire data on Application Group >*appl_grp_name*<**

Explanation: The specified user does not have permission to expire data from the specified application group.

User response: Specify a user who has permission to expire data from the application group or change the user's permissions. Then resubmit the command.

ARS1301I

Usage: arstblsp [-a <action>] [[-g <name>] [-I <od_inst>]
 [-t <table>]] [-u <userid>] [-p <passwd>]
    Version: *version*
    -a <action> Action to perform
       0 - Copy tables into their own tablespace, must specify -g
       1 - Close a table that is still open for loading, must specify -g
       2 - List the tables that do not have their own tablespace
       3 - List the tables that are still open for loading
    -d <dir> Directory for export/import file (UNIX default uses a named pipe)
    -g <name> Application Group Name
    -h <od_inst> OnDemand instance name (same as -I)
    -I <od_inst> OnDemand instance name (same as -h)
    -p <passwd> OnDemand Passwd
    -t <table> Table Name
    -u <userid> OnDemand Userid

Explanation: The arstblsp command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS1302E **Application Group >*appl_grp_name*< is currently not configured for tablespaces**

Explanation: The specified application group is not configured to use table spaces. See the *IBM Content Manager OnDemand for z/OS: Administration Guide* for information on moving existing tables into table spaces.

User response: In the Content Manager OnDemand administrative client, configure the application group to use tables paces.

ARS1303I   **No Tablespace: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: This message is for your information only.

User response: No action is required.

ARS1304I   **Table still open for loading: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The specified table is still open for loading. A table that is open for loading cannot be migrated to a table space.

User response: Close the table with the ARSTBLSP command. The application group name and table name are required by the ARSTBLSP command, and are provided in the message text.

ARS1305I   **Closed table successfully: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The ARSTBLSP program successfully closed the specified table. This message is for your information only.

User response: No action is required.

ARS1306E   **Unable to close table: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The ARSTBLSP program failed when attempting to close the specified table.

User response: Verify the name of the application group and the name of the table. See the Content Manager OnDemand System Log for other messages that are associated with the task. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1307I   **Table Empty - Deleted: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The ARSTBLSP program successfully deleted the specified table. This message is for your information only.

User response: No action is required.

ARS1308E   **Unable to delete table: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The ARSTBLSP program failed when attempting to delete the specified table.

User response: Verify the name of the application group and the name of the table. See the Content Manager OnDemand System Log for other messages that are associated with the task. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1309I   **Successful copy of table: ApplGroup(***appl_grp_name***) Agid(***agid***) OldTable(***old_table_name***)**
             NewTable(*new_table_name***)**

Explanation: The ARSTBLSP command successfully copied the specified table. This message is for your information only.

User response: No action is required.

ARS1310E   **Copy of table failed: ApplGroup(***appl_grp_name***) Agid(***agid***) Table(***table_name***)**

Explanation: The ARSTBLSP program failed when attempting to copy the specified table.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS1311E User >*user_name*< does not have permission to convert tablespace data on Application Group >*appl_grp_name*<

Explanation: The specified user does not have permission to convert table space data for the application group.

User response: Specify a user who has permission to convert table space data for the application group or permit the specified user to have administrator authority for the application group. Then resubmit the command.

ARS1312E The system has encountered invalid data in the file during file decompression and has reported the following return code (comp_rc).

Explanation: There is invalid data in the file being decompressed.

User response: Verify that the content of the file being decompressed is valid and resubmit the command.

ARS1315W Warning: The date string \"*date_string*\" with date format \"*date_format*\" does not match a specific date. The minimum date is \"*min_date*\" and maximum date is \"*max_date*\"; the minimum date will be used.

Explanation: The string does not represent a specific date.

User response: Use a date value which does match a specific date.

ARS1400E Duplicate load of >*file*< detected. Application group >*applgrp*<, partial loadid *loadid*.

Explanation: An attempt was made to load a file that failed a prior load.

User response: Use the arsadmin unload -Q -L load ID to unload the failed load.

ARS1404I The data that was loaded was a part of a distribution in ODF.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS1405I The data that was loaded was not a part of a distribution in ODF.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS1406E Unable to notify ODF of the load. The error number is (error_num).

Explanation: The system was unable to determine if the loaded data belonged to a distribution in ODF.

User response: See the OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS1407W A document with >*number_of_pages*< pages and >*number_of_bytes*< bytes was processed. Although data might be stored successfully, the data might not be retrieved successfully.

Explanation: A document in the load qualifies as a large object. Adding large object support to the application that contains that document can improve performance when clients retrieve that document.

User response: Update the application definition to include the use of large object support. For more information about large object support and how to update an application definition, see the Content Manager OnDemand information center.

ARS1412E The document size of <*pages*> bytes exceeds the maximum size allowed of <*document_size*> bytes.

Explanation: The system is unable to load a document due to the document size exceeding the maximum size allowed for a document.

| **User response:** Evaluate the document in the load to determine if the document can be made smaller or split into
| multiple smaller documents.

ARS1500I

> **Usage: arsslu [options]**
> > **Version:** *version_number*
> > -- **The OnDemand System Load Utility Tool --**
> > > **-a Audit the OnDemand database**
> > > **-c Create message table and index**
> > > **-d Drop message table and index**
> > > **-g Application group name (Defaults to all application groups)**
> > > **-h <od_inst> OnDemand instance name (same as -I)**
> > > **-I <od_inst> OnDemand instance name (same as -h)**
> > > **-o Output file name (XML format)**
> > > **-p Populate message table**
> > > **-v Verbose**
> > > **-1 <trace_file> Fully qualified trace file name**
> > > **-2 <level> Trace level number. The values are additive. (Default: 3)**
> > > > **1: Errors**
> > > > **2: Warnings**
> > > > **4: Info**
> > > > **8: Flow**

Explanation: The arsslu command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager
OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit
the command.

ARS1507E   **Message table** *table* **does not exist**

Explanation: The ARSSLU program cannot find the message table. The populate parameter requires this table exist.

User response: Generate the message table using the -c option, and resubmit the command.

| **ARS1600I**

| > **Usage: arsstash [-a <action>] [-c] -s <stash_file> -u <userid>**
| > > **Version:** *version*
| > > **-a <action> Action to perform**
| > > > **1 - Store the OnDemand userid and password (default)**
| > > > **2 - Store the OnDemand userid and password for ARSLOAD**
| > > > **3 - Store the OnDemand userid and password for ODF**
| > > > **4 - Store the OnDemand userid and password for RDF**
| > > > **5 - Store the DB2 userid and password**
| > > > **6 - Store the Oracle userid and password**
| > > > > **If no userid (-u) is given for actions 2 thru 5, then**
| > > > > **the currently assigned userid for the corresponding**
| > > > > **OnDemand command or database will be displayed**
| > > **-c Create stash file**
| > > **-s <stash_file> Stash file name**
| > > **-u <userid> Userid**
| > > **-1 <trace_file> Trace file**
| > > **-2 <trace_level> Trace level**

| **Explanation:** An incorrect parameter was specified for the command.

| **User response:** Resubmit the command with the correct parameters. For more information about this command, see
| the OnDemand Administration Guide.

| ARS1601E | The file *<file_name>* already exists.

| **Explanation:** The specified file already exists.

| **User response:** Verify that the file does not exist. Then resubmit the command.

| ARS1602E | The stash file *<file_name>* is invalid.

| **Explanation:** The specified stash file is invalid.

| **User response:** Verify that the file is valid. Otherwise, resubmit the command specifying the option to create a new
| stash file.

| ARS1603I | Userid *<userid>* is currently assigned to *<command>*.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS1604E | Unable to find an assigned user ID for the OnDemand command or database.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS1605I | Verify OnDemand Password:

| **Explanation:** The command prompts for the password of the user ID that was specified.

| **User response:** Type the user's password and then press Enter to continue.

| ARS1606E | The passwords do not match.

| **Explanation:** An attempt was made to set a password, but the value that was specified for the Verify OnDemand
| Password does not match the value that was specified for the OnDemand Password.

| **User response:** Specify the exact same values for the OnDemand Password and Verify OnDemand Password.

| ARS1607E | Unable to find an assigned userid for the OnDemand command or database *<cmd>* from stash file
| *<stash_file>*.

| **Explanation:** OnDemand is unable to get the necessary information from the OnDemand stash file to proceed.

| **User response:** Verify that the specified OnDemand stash file contains a correct userid for the OnDemand command
| or database.

| ARS1608E | The OnDemand stash file *<stash_file>* either does not exist or is not valid. Return Code is *rc*.

| **Explanation:** OnDemand is unable to get the necessary information from the OnDemand stash file to proceed.

| **User response:** Verify that the specified OnDemand stash file exists and is correct.

ARS2061W | Change Expired Logon Password

Explanation: The user's password expired and must be changed.

User response: Change the user's password and resubmit the command. Passwords might be case sensitive.

ARS2076E | *** LOGIC ERROR: An unknown message id was returned by the Common Server

Explanation: OnDemand encountered an internal logic error.

User response: Contact your IBM Service Representative.

ARS2077E   **Mapping file '***file_name***' for codepage** *codepage* **not found. The default will be used.**

Explanation: The client was unable to locate a mapping file required for converting a code page. The default mapping file will be used instead.

User response: Verify that the client is correctly installed. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS2078E   **Could not initialize Common Server. Locale path is '***path_name***'**

Explanation: The command failed when attempting to initialize the client software.

User response: Verify that the client is correctly installed. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS2083E   **Insufficient memory is available to perform the operation**

Explanation: There was not enough free memory available to run the command.

User response: Determine why sufficient memory could not be allocated by looking at the operating system and application task status. You might need to stop other processes or reboot the workstation before resubmitting the command.

ARS2084E   **The client and server are incompatible. Reinstallation of the product is required.**

Explanation: The client software and server software are not compatible. They must be the same version or compatible versions.

User response: Upgrade the client software, the server software, or both to the same version or to compatible versions.

ARS2085E   **The client application is unable to initialize server communications. Contact your system administrator.**

Explanation: The command failed when attempting to initialize the server.

User response: Stop and restart your client application. If the problem persists, contact your IBM Service Representative.

ARS2086E   **Connection cannot be established for the** *hostname* **server**

Explanation: The client failed when attempting to connect to the specific server.

User response: Verify that the server is properly configured and that the server program is running.

ARS2087E   **Dynamic Load Library '***dll_name***' could not be found**

Explanation: The client failed when attempting to load the specified dynamic load library.

User response: Verify that the OnDemand software is installed correctly. If the problem persists, contact your IBM Service Representative.

ARS2088E   **The server connection has timed out. You normally need to logoff, logon, and retry the operation. In some cases, an explicit logoff is not needed before the system invites you to logon.**

Explanation: The server forced the client to log off from the server because the client did not perform an action on the server within the interval of time that is specified by the Inactivity Time Out value.

User response: Log off from the server and log back on to the server. Then resubmit the command. A system administrator can increase the inactivity time out value for this or any other server in the Content Manager OnDemand administrative client. See the online help in the Content Manager OnDemand administrative client for more information.

ARS2089E   **Information has been modified on the server. Please logoff, logon, and retry the operation.**

Explanation: The requested data was modified on the server.

User response: You must log off from the server, log on to the server again, and then try the operation again.

ARS2090E   **The server failed during a search operation**

Explanation: A server program encountered an error during a search operation.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the search. If the problem persists, contact your IBM Service Representative.

ARS2091E   **The server failed while accessing folder data**

Explanation: A server program encountered an error when accessing a folder.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the folder operation. If the problem persists, contact your IBM Service Representative.

ARS2092E   **The server failed while retrieving a named query**

Explanation: A server program encountered an error when retrieving a named query.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve operation. If the problem persists, contact your IBM Service Representative.

ARS2093E   **The server failed while updating a named query**

Explanation: A server program encountered an error when updating a named query.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the update operation. If the problem persists, contact your IBM Service Representative.

ARS2094E   **The server failed while retrieving a document**

Explanation: A server program encountered an error when retrieving a document.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve operation. If the problem persists, contact your IBM Service Representative.

ARS2095E   **The server failed while updating a document**

Explanation: A server program encountered an error when updating a document.

User response: See the OnDemand System Log for other messages that are associated with the update process. If the problem persists, contact your IBM Service Representative.

ARS2096E   **The server failed while storing a document**

Explanation: A server program encountered an error when storing a document.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS2097E   **The server failed while deleting a document**

Explanation: A server program encountered an error when deleting a document.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the delete process. If the problem persists, contact your IBM Service Representative.

ARS2098E   **The server failed while retrieving a resource group**

Explanation: A server program encountered an error when retrieving a resource group.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2099E   **The server failed while retrieving a storage set**

Explanation: A server program encountered an error when retrieving a storage set.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2100E   **The server failed while updating user information**

Explanation: A server program encountered an error when updating the user information.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the update process. If the problem persists, contact your IBM Service Representative.

ARS2101E   **The server failed while retrieving a note**

Explanation: A server program encountered an error when retrieving an annotation.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2102E   **The server failed while storing a note**

Explanation: A server program encountered an error when storing an annotation.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2103E   **The server failed while deleting a note**

Explanation: A server program encountered an error when deleting an annotation.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the delete process. If the problem persists, contact your IBM Service Representative.

ARS2104E   **The server failed while updating an application**

Explanation: A server program encountered an error when updating an application.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the update. If the problem persists, contact your IBM Service Representative.

ARS2105E   **The server failed while querying printers**

Explanation: A server program encountered an error when running a query for printers.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the query. If the problem persists, contact your IBM Service Representative.

ARS2106E   **The server failed while printing**

Explanation: A server program encountered an error when printing.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the print process. If the problem persists, contact your IBM Service Representative.

ARS2107E   **The User ID or Password is not valid for the server**

Explanation: The user ID or password is not valid for the instance of OnDemand.

User response: Specify a user ID and password that are valid for the instance of OnDemand. Passwords might be case sensitive.

ARS2108E   **The new password must contain at least** *min_passwd_length* **characters**

Explanation: An attempt was made to change a password, but the new password does not contain the minimum number of characters that are required by the system. Minimum password length is a configurable system parameter for each OnDemand server. See the Content Manager OnDemand administrative client online help for additional information.

User response: Specify a new password that contains at least the minimum number of characters required by the system.

ARS2109E   **The first and second specification of the new password are not the same**

Explanation: An attempt was made to change a password, but the confirmation value did not match the value that was specified for the new password.

User response: Type the same value in both password fields. Passwords might be case sensitive.

ARS2110E   **The current password is not correct**

Explanation: An incorrect password was used.

User response: Resubmit the command with the correct password.

ARS2111E   **The user is not permitted to perform the operation**

Explanation: The user ID that was specified does not have permission to perform the operation.

User response: Specify a user ID that has permission to perform the operation or permit the user to perform the operation and then resubmit the command.

ARS2112E   **The operation was unsuccessful because the database is read-only**

Explanation: The database cannot be updated because it is read-only. The command cannot be run against a read-only instance of OnDemand.

User response: Resubmit the command against an instance of OnDemand that is not read-only.

ARS2113I   **The folder cannot be opened because it does not contain any application groups accessible to the user. Contact your system administrator.**

Explanation: The user ID does not have access to any of the application groups that are contained in the folder.

User response: Verify the name of the folder and the user ID. Permit the user to access one or more of the application groups that are contained in the folder. Then try to open the folder again.

ARS2114E   **No search criteria have been specified**

Explanation: A search command was attempted but no search criteria were specified.

User response: Specify search criteria for at least one of the search fields and resubmit the command.

ARS2115E   **A value must be specified for '***field***'**

Explanation: A search command was attempted but a value for a required field was not specified.

User response: Specify a value for the field and resubmit the command.

ARS2116E   '*value*' **is invalid for '***field***'. A maximum of** *max_chars* **character(s) may be entered.**

Explanation: The specified search string exceeds the maximum number of characters that are allowed for the field.

User response: Specify a valid search string for the field and resubmit the command.

ARS2117E   **Only one value was entered for '***field***'. Enter a second value or choose a different comparison operator.**

Explanation: A search by using a range was attempted but a valid range was not specified. A valid range consists of two values: the low value and the high value.

User response: Specify a valid range for the field or select a search operator that does not require a range. Then resubmit the search.

ARS2118E   '*value*' **is invalid for '***field***'. An integer value in the range '***min_range***' to '***max_range***' is required.**

Explanation: The specified search string is not a valid integer value. The error message provides additional information about valid integer values.

User response: Specify a valid integer value for the field and resubmit the search.

ARS2119E   '*value*' **is invalid for '***field***'. A decimal value in the range '***min_decimal***' to '***max_decimal***' is required. A maximum of** *max_digits* **digits may be specified to the right of the decimal point.**

Explanation: The specified search string is not a valid decimal value. The error message provides additional information about valid decimal values.

User response: Specify a valid decimal value for the field and resubmit the search.

ARS2120E   '*value*' **is invalid for '***field***'. A date/time in the range '***min_date***' to '***max_date***' is required. Note that 2-digit years less than 70 are interpreted as year 20nn.**

Explanation: The specified search string is not a valid date value. The error message provides additional information about valid date values.

User response: Specify a valid date value for the field and resubmit the search.

ARS2121E   **For '***field***', the first value must not be greater than the second value**

Explanation: A search by using a range was attempted but a valid range was not specified. The first value in the range must not be greater than the second value in the range.

User response: Specify a valid range for the field and resubmit the search.

ARS2122E   '*value*' **for '***field***' is incompatible with '***incompat_value***' for '***incompat_field***'**

Explanation: The specified search string is not compatible with the field being searched. For example, ApplGrp=a and FieldX=b, but FieldX is not mapped in ApplGrp a.

User response: Specify valid search values for the field and resubmit the search.

ARS2123E   '*value*' **cannot be used for '***field***'**

Explanation: The specified search string is not compatible with the field being searched.

User response: Specify a valid search value for the field and resubmit the search.

ARS2124I   **Only** *max_documents* **documents can be listed for this folder**

Explanation: A search resulted in more items that can be listed in the document list. An OnDemand folder might have a limit on the number of items that can be listed in the document list. This limit is defined for each folder with the Maximum Hits option.

User response: Refine the query to return fewer results or increase the maximum results for this folder. Then resubmit the command.

ARS2125I **The document for '*document*' is not available at this time. It may reside on an unmounted storage volume. Contact your system administrator.**

Explanation: A document cannot be retrieved because it resides on an unmounted storage volume.

User response: Ask a system administrator or system operator to mount the storage volume. Then resubmit the command.

ARS2126I **'*view*' was the default view. The public default view will be used unless another private default is set.**

Explanation: The default private logical view was deleted. Documents will now be viewed using the default public logical view, unless a new default private logical view is specified.

User response: No action is required.

ARS2127E **A maximum of *max_views* views may be stored for this document**

Explanation: An attempt was made to create a logical view but the maximum number of logical views was exceeded.

User response: Delete an existing logical view and then try to create the logical view again.

ARS2128E **The client and CD-ROM Mastering Dynamic Load Library are incompatible. Reinstallation of the product is required.**

Explanation: The client software and server software are not compatible. They must be the same version or compatible versions.

User response: Upgrade the client software, the server software, or both to the same version or to compatible versions.

ARS2129E **Unable to obtain procedure addresses from CD-ROM Mastering DLL**

Explanation: The client failed when attempting to load the CD-ROM Mastering dynamic load library.

User response: Reinstall the client application, then try the command again. If the problem persists, contact your IBM Service Representative.

ARS2130E **Only one copy of a folder may be put on a CD-ROM**

Explanation: The folder already exists on the CD-ROM.

User response: Select a different folder.

ARS2131I **A staging drive must be selected**

Explanation: CD-ROM production requires a staging drive, and one was not specified.

User response: Resubmit the command with a valid staging drive.

ARS2132E **Unable to clean staging area**

Explanation: An error occurred while this program was running.

User response: Verify that the staging drive is valid, and that you have the correct permissions to write to it. If the problem persists, contact your IBM Service Representative.

ARS2133E   **Unable to set up directories on staging drive**

Explanation: An error occurred while this program was running.

User response: Verify that the staging drive is valid, and that you have the correct permissions to write to it. If the problem persists, contact your IBM Service Representative.

ARS2134E   **Unable to retrieve documents**

Explanation: An error occurred while this program was running.

User response: See other messages in the System Log that are associated with the CD-ROM task. If the problem persists, contact your IBM Service Representative.

ARS2135E   **Unable to retrieve resources**

Explanation: An error occurred while this program was running.

User response: See other messages in the System Log that are associated with the CD-ROM task. If the problem persists, contact your IBM Service Representative.

ARS2136E   **Unable to open index file**

Explanation: An error occurred while this program was running.

User response: Ensure that you are using a valid OnDemand CD-ROM image. If the problem persists, contact your IBM Service Representative.

ARS2137E   **The client and the CD-ROM indexes are incompatible**

Explanation: The client software and server software are not compatible. They must be the same version or compatible versions.

User response: Upgrade the client software, the server software, or both to the same version or to compatible versions.

ARS2138E   **Unable to add items to the index**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2139E   **Unknown field type encountered in the data**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2140E   **Unable to retrieve annotations**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2141E   **Unable to read ARS layout**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2142E   **Unable to read client layout**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2143E   **CD-ROM Mastering software is not defined**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2144E   **Unable to obtain valid volume id**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2145E   **Unable to open manifest file**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2146E   **Unable to open original file for staging**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2147E   **Unable to open destination file for staging**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2148E   **Unable to read file for staging**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2149E   **Invalid folder encountered**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2150E   **External server error**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2151E   *** LOGIC ERROR: unexpected exception from External Server

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2152E   *** LOGIC ERROR: Unknown folder name

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2153E   *** LOGIC ERROR: Invalid search operator for '*field*'

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2154E   *** LOGIC ERROR: Unknown choice for CHOICE criteria

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2155E   *** LOGIC ERROR: Invalid segment number

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2156E   *** LOGIC ERROR: Invalid CDROM folder

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2157E   *** LOGIC ERROR: LogView - Unknown or public or no permission to save, update, or delete

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2158E   *** LOGIC ERROR: Named Query - Unknown or no permission to save, update, or delete

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2159E   *** LOGIC ERROR: No CsvPrtOpt name provided

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2160E   **Server exit password validation failed. Contact your system administrator.**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2161E   ***** LOGIC ERROR: A server operation was in progress when another was initiated**

Explanation: An error occurred while this program was running.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2162E   **The server failed while attempting to convert data**

Explanation: An error occurred while this program was running.

User response: Check to ensure the converter code page exists in the cnvrtrs.txt file and that the ICU data library is in the locale directory and has the correct permissions. If the problem persists, contact your IBM Service Representative.

ARS2163E   **The server failed while attempting to logon**

Explanation: An error occurred while this program was running.

The server was unable to complete the logon.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2164I   **The operation could not be completed because required data resides on unavailable archive media. Contact your system administrator to make the data available.**

Explanation: The document could not be retrieved because the storage volume on which it exists is offline or not available.

User response: Ask a system administrator or system operator to mount the storage volume. Then resubmit the command.

ARS2166E   **The user is not permitted to perform this operation for document '*document*'**

Explanation: The user does not have permission to perform the operation on the specified document.

User response: Update the user's permissions to allow the operation and resubmit the command, or submit the command from a user ID that has the correct permissions.

ARS2167I   **No documents meet the search criteria**

Explanation: The query was run, however, there were no documents that matched the search criteria.

User response: Verify that this is the expected result. If it is not, change the search criteria and resubmit the query.

ARS2168E   **The document for '*document*' is not displayable or printable**

Explanation: The specified document cannot be viewed or printed. This message is for your information only.

User response: Select a document that can be displayed or printed.

ARS2169E   **The argument '*value*' is not a valid decimal number**

Explanation: The specified search value is not a valid decimal number.

User response: Specify a valid decimal number and try the search again.

ARS2170I   **No arguments specified**

Explanation: A search was attempted, but no search values were specified.

User response: Specify one or more search values and try the search again.

ARS2171E   **The argument '*value*' was not specified**

Explanation: A search was attempted, but a search value was missing from a required search field.

User response: Specify a search value for the field and try the search again.

ARS2172E   **The function '*function*' was not found**

Explanation: The client failed because the specified function was not found.

User response: Check the OnDemand documentation, and ensure that the function you are calling is a valid, supported function. If the problem persists, contact your IBM Service Representative.

ARS2173E   **The field '*field*' was not found in this folder**

Explanation: The specified field is not a valid field for the folder.

User response: Resubmit the command with a valid folder field.

ARS2174E   **No mappings exist for the specified folder fields**

Explanation: The folder fields are not mapped to application group fields.

User response: Map the folder fields to the application group fields and resubmit the command.

ARS2175E   **The environment variable '*environ_variable*' was not found**

Explanation: The command failed because the specified environment variable was not set.

User response: Set the environment variable and then resubmit the command.

ARS2176I   **The user specified does not have access to any folders**

Explanation: The specified user does not have permission to access any folders.

User response: Update the user's permissions to allow access to one or more folders and resubmit the command.

ARS2177E   **Unable to initialize environment. rc=*returnCode***

Explanation: The client failed when attempting to initialize the environment.

User response: Configure the server to enable logging and then resubmit the command. See the *Web Enablement Kit: Implementation Guide* for information about how to enable logging and for help with other problem determination tools that are available in this environment. If the problem persists, contact your IBM Service Representative.

ARS2184I   **There are no notes associated with this document**

Explanation: This message is for your information only.

User response: No action is required.

ARS2185I   **Select a folder:**

Explanation: This message is for your information only.

User response: No action is required.

ARS2187I   **User logged off!**

Explanation: This message is for your information only.

User response: No action is required.

ARS2192I   **View Document**

Explanation: This message is for your information only.

User response: No action is required.

ARS2193I   **View Annotations**

Explanation: This message is for your information only.

User response: No action is required.

ARS2194I   **Add Annotation**

Explanation: This message is for your information only.

User response: No action is required.

ARS2195I   **Server Print**

Explanation: This message is for your information only.

User response: No action is required.

ARS2196I   **Private to user**

Explanation: This message is for your information only.

User response: No action is required.

ARS2197I   **Private to group**

Explanation: This message is for your information only.

User response: No action is required.

ARS2198I   **Note can be copied to another server**

Explanation: This message is for your information only.

User response: No action is required.

ARS2201W   **At least one document must be selected!**

Explanation: A command was entered, but no documents were selected.

User response: Select one or more documents and resubmit the command.

ARS2202I   **Documents sent to printer!**

Explanation: This message is for your information only.

User response: No action is required.

ARS2203I   **Note added successfully!**

Explanation: This message is for your information only.

User response: No action is required.

ARS2207I   **Document has been updated!**

Explanation: This message is for your information only.

User response: No action is required.

ARS2209E   **Unable to run the program >***command***<. errno=***errno*

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: Check the OnDemand installation directory and ensure that the file exists and is executable. Then try the command again. See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS2210I   *strerror_text*

Explanation: The message contains the text from the strerror() function. This message is for your information only.

User response: No action is required.

ARS2211I   **Using *temp_dir* for temporary files**

Explanation: The specified directory is being used for temporary files.

User response: No action is required.

ARS3001E   *timestamp***: 001: Server name parameter required**

Explanation: A server name is required, but one was not specified.

User response: Resubmit the command with a valid server name.

ARS3002E   *timestamp***: 002: No data distribution server section defined [***server***]**

Explanation: The server section for data distribution does not exist.

User response: Define and configure the servers in the server section and resubmit the command.

ARS3003E   *timestamp***: 003: Unable to clean directory [***directory_name***]**

Explanation: An error occurred while this program was running.

User response: Verify that the directory exists, and that you have permissions to write to it. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3004E   *timestamp***: 004: Unable to copy file [***file_name***]**

Explanation: An error occurred while this program was running.

User response: Verify that the directory exists, and that you have permissions to write to it. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3005E   *timestamp*: **005: Unable to obtain volume set id**

Explanation: An error occurred while this program was running.

User response: Verify that the OnDemand server definition is correct, then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3006E   *timestamp*: **006: Unable to create control file [*file_name*]**

Explanation: An error occurred while this program was running.

User response: Verify that the directory exists, and that you have permissions to write to it. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3007E   *timestamp*: **007: Unable to open control file [*file_name*]**

Explanation: An error occurred while this program was running.

User response: Verify that the directory exists, and that you have permissions to write to it. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3008E   *timestamp*: **008: OnDemand password expired or invalid**

Explanation: The password that was entered is not valid.

User response: Check to ensure that you entered the password correctly, and that the password is still valid. If it is no longer valid, reset it and try the command again.

ARS3009E   *timestamp*: **009: OnDemand login error RC [*rc*]**

Explanation: An error occurred while this program was running.

User response: Ensure that you are specifying a valid OnDemand server and that you are entering valid logon information. Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3010E   *timestamp*: **010: Rimage imaging directory not specified**

Explanation: The name of the Rimage imaging directory was not specified.

User response: Specify the name of the Rimage imaging directory and resubmit the command.

ARS3014E   *timestamp*: **014: OnDemand library server logon information missing**

Explanation: Either the library server was not specified or an incorrect user ID or password was supplied.

User response: Resubmit the command with a library server and a valid user ID and password.

ARS3015E   *timestamp*: **015: Log directory required**

Explanation: A log directory is required, but one was not specified.

User response: Specify the name of the directory to be used for log and Rimage control files. Then resubmit the command.

ARS3016E   *timestamp*: **016: Load directory required**

Explanation: A load directory is required, but one was not specified.

User response: Specify the name of the load directory and resubmit the command.

ARS3017E   *timestamp*: **017: Unable to open volume set id file [**file_name**]**

Explanation: The ARSDD program failed when attempting to open the specified volume set ID file.

User response: Verify that the volume set ID file exists and then resubmit the command.

ARS3018E   *timestamp*: **018: Invalid volume set id file [**file_name**]**

Explanation: The specified volume set ID file is not correct. It might be in an invalid format, be empty, or be damaged. Another possibility is that multiple users have used the same staging directory for saving image information and the volume set ID file was overwritten.

User response: Begin the image creation process again. If the problem persists, consider creating separate distribution servers for each user involved in creating CD images.

ARS3019E   *timestamp*: **019: Invalid parameter combination '-i' and '-g' specified**

Explanation: The **-i** (data distribution file ID) and **-g** (data distribution group ID) parameters cannot be specified for the same task. Valid parameters and usage instructions are available from the command line: `arsdd -?`.

User response: Resubmit the command with the correct parameters.

ARS3020E   *timestamp*: **020: Could not store control file [**file_name**]**

Explanation: An error occurred while this program was running.

User response: Verify that the directory exists and that you have permission to write to it. If the problem persists, contact your IBM Service Representative.

ARS3021E   *timestamp*: **021: Could not display load failure file [**file_name**]**

Explanation: The CD-ROM creation process failed.

User response: Then try the command again. If the problem persists, contact your IBM Service Representative.

ARS3022E   *timestamp*: **022: Memory allocation failed [**file|line**]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3023E   *timestamp*: **023: Unable to clean root directory**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3024E   *timestamp*: **024: Unable to retrieve id file [**file_name**]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3025E   *timestamp*: **025: Invalid or unreadable distribution group file [**file_name**]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3026E   *timestamp*: **026: Invalid or incorrectly named index file [***file_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3027E   *timestamp*: **027: Invalid or incorrectly named input file [***file_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3050I   *timestamp*: **050: CREATE [***file_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3051I   *timestamp*: **051: LIBRARY SERVER USERID [***hostname***] [***user_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3052I   *timestamp*: **052: CONTROL FILE ERROR [***file_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3053I   *timestamp*: **053: DONE LOAD DIRECTORY [***directory_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3054I   *timestamp*: **054: DONE DISTRIBUTION FILE ID [***file_id***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3055I   *timestamp*: **055: LOAD DIRECTORY [***directory_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3056I   *timestamp*: **056: LOAD COMPLETED FILE [***file_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3057E   *timestamp*: **057: LOAD FAILED FILE [***file_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3058I   *timestamp*: **058: DISTRIBUTION FILE ID FOLDER** [*file_id*] [*folder_name*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3059I   *timestamp*: **059: DISTRIBUTION GROUP ID FOLDER** [*file_id*] [*folder_name*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3060I   *timestamp*: **060: QUERY FOLDER NQUERY** [*named_query*] [*folder*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3061I   *timestamp*: **061: VERIFICATION PASSED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3062E   *timestamp*: **062: VERIFICATION FAILED**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3063E   *timestamp*: **063: VERIFICATION NO FOLDER FOR APPLICATION GROUP** [*appl_grp_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3064E   *timestamp*: **064: VERIFICATION NO APPLICATION GROUPS**

Explanation: An error occurred while this program was running.

An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3065E   *timestamp*: **065: VERIFICATION WARNING NO CLIENT SOFTWARE**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3066E   *timestamp*: **066: VERIFICATION NO APPLICATION GROUP FOR FOLDER** [*folder_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3067E   *timestamp*: **067: VERIFICATION WARNING NO MEDIA LABEL TEMPLATE**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3068E *timestamp*: **068: VERIFICATION NO USERS**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3069E *timestamp*: **069: VERIFICATION WARNING NO PASSWORD**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3070I *timestamp*: **070: APPLICATION GROUP [***appl_grp_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3072I *timestamp*: **071: CLIENT LANGUAGE [***client***] [***language***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3074I *timestamp*: **072: USER SUPPLIED FILE SRC DEST TYPE [***source***] [***destination***] [***file_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3076I *timestamp*: **073: FOLDER [***folder_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3078I *timestamp*: **074: GROUP [***group_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3080I *timestamp*: **075: LABEL TEMPLATE ID [***file_id***] [***label***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3082I *timestamp*: **076: USER [***user_name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3084I *timestamp*: **077: USER PASSWORD [***user_name***] [***passwd***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3086I   *timestamp*: **078: CFM FILE ID** [*value*] [*file_id*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3088I   *timestamp*: **079: RETRIEVED LABEL ID** [*label_file_name*] [*file_name*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3090E   *timestamp*: **080: FAILED RETRIEVING LABEL ID** [*label_file_name*] [*file_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3100I   *timestamp*: **100: DATA DISTRIBUTION PROCESSING STARTED**

Explanation: Data distribution processing started. This message is for your information only.

User response: No action is required.

ARS3101E   *timestamp*: **101: DATA DISTRIBUTION PROCESSING FAILED**

Explanation: An error occurred while this program was running.

Data distribution processing failed

User response: Look in the Rimage Image Server and Production Server logs for other errors. If the problem persists, contact your IBM Service Representative.

ARS3102I   *timestamp*: **102: DATA DISTRIBUTION PROCESSING COMPLETED**

Explanation: Data distribution processing is complete. This message is for your information only.

User response: No action is required.

ARS3103E   *timestamp*: **103: DATA DISTRIBUTION PROCESSING CRITICAL FAILURE**

Explanation: An error occurred while this program was running.

Data distribution processing failed.

User response: Look at the messages that precede this message for the last process that started before this error for an indication of what failed. If the problem persists, contact your IBM Service Representative.

ARS3104I   *timestamp*: **104: CLIENT TRANSFER STARTED**

Explanation: Client transfer started. This message is for your information only.

User response: No action is required.

ARS3105E   *timestamp*: **105: CLIENT TRANSFER FAILED**

Explanation: An error occurred while this program was running.

Client transfer failed. The OnDemand user client might not be available on the OnDemand library server. For AIX, the user client should be installed in /opt/IBM/ondemand/V9/client/windows/win32. For Solaris or HP-UX Itanium, the path is opt/ondemand/client/windows/win32. For Windows, the path is \client\windows\win32.

User response: Make sure that the latest OnDemand client was installed in the proper directory on the OnDemand Library server. If the problem persists, contact your IBM Service Representative.

ARS3106I   *timestamp*: **106: CLIENT TRANSFER COMPLETED**

Explanation: Client transfer is complete. This message is for your information only.

User response: No action is required.

ARS3107E   *timestamp*: **107: CLIENT COPY FILE ERROR** [*source*] [*errno*]

Explanation: An error occurred while this program was running. The *source* identifies the name of the file that failed. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS3108I   *timestamp*: **108: CFM TRANSFER STARTED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3109E   *timestamp*: **109: CFM TRANSFER FAILED**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3110I   *timestamp*: **110: CFM TRANSFER COMPLETED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3111E   *timestamp*: **111: CFM COPY FILE ERROR** [*file_name*] [*errno*]

Explanation: An error occurred while this program was running. The *errno* value, which might provide additional information, resides in /usr/include/sys/errno.h on UNIX systems, /usr/include/errno.h on z/OS systems, and /QIBM/include/errno.h on i5/OS and OS/400 systems.

User response: See the errno.h file for more information. If the problem persists, contact your IBM Service Representative.

ARS3112I   *timestamp*: **112: USER SUPPLIED FILES TRANSFER STARTED**

Explanation: Transfer of user-supplied files started. This message is for your information only.

User response: No action is required.

ARS3113E   *timestamp*: **113: USER SUPPLIED FILES TRANSFER FAILED**

Explanation: An error occurred while this program was running.

Transfer of user-supplied files failed.

User response: If the problem persists, contact your IBM Service Representative.

ARS3114I   *timestamp*: **114: USER SUPPLIED FILES TRANSFER COMPLETED**

Explanation: Transfer of user-supplied files is complete. This message is for your information only.

User response: No action is required.

ARS3115E   *timestamp*: **115: USER SUPPLIED FILES ERROR** [*file_name*] [*errno*]

Explanation: An error occurred while this program was running.

The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems.

User response: See the `errno.h` file for more information. If the problem persists, contact your IBM Service Representative.

ARS3116I   *timestamp*: **116: VOLUME CALCULATION STARTED**

Explanation: Volume calculation started. This message is for your information only.

User response: No action is required.

ARS3117E   *timestamp*: **117: VOLUME CALCULATION FAILED**

Explanation: An error occurred while this program was running.

Volume calculation failed.

User response: If the problem persists, contact your IBM Service Representative.

ARS3118I   *timestamp*: **118: VOLUME CALCULATION COMPLETED**

Explanation: Volume calculation is complete.

User response: No action is required.

ARS3119I   *timestamp*: **119: VOLUME CALCULATION VOLUMES FILES BYTES** [*volumes*] [*files*] [*total*]

Explanation: Volume calculation is complete. The volume requires *volumes* of media to hold *files* files totaling *total* bytes.

User response: No action is required.

ARS3120W   *timestamp*: **120: VOLUME INDEX CAPACITY EXCEEDED BYTES** [*bytes*]

Explanation: The index exceeds the capacity of the media. If this is a multi-volume set, the index must fit on the first volume of the set along with the OnDemand client and all user-supplied files.

User response: Reduce the number of user-defined files or reduce the number of documents or folders. Then resubmit the command.

ARS3121W   *timestamp*: **121: VOLUME DATA CAPACITY EXCEEDED VOLUME BYTES** [*volumes*] [*total*]

Explanation: The data file for the specified volume exceed the capacity of the media.

User response: Reduce the size of the data file and then resubmit the command.

ARS3122I   *timestamp*: **122: STORAGE SET CREATION STARTED**

Explanation: Storage set creation started at the specified time. This message is for your information only.

User response: No action is required.

ARS3123E   *timestamp*: **123: STORAGE SET CREATION FAILED**

Explanation: An error occurred while this program was running.

Storage set creation failed.

User response: If the problem persists, contact your IBM Service Representative.

ARS3124I   *timestamp*: **124: STORAGE SET CREATION COMPLETED**

Explanation: Storage set creation is complete. This message is for your information only.

User response: No action is required.

ARS3125E   *timestamp*: **125: STORAGE SET CREATION FAILED ADD STORAGE SET [*set_name*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3126I   *timestamp*: **126: STORAGE SET CREATION FAILED ADD STORAGE NODE [*node_name*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3127I   *timestamp*: **127: STORAGE SET APPLICATION GROUP UPDATE STARTED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3128E   *timestamp*: **128: STORAGE SET APPLICATION GROUP UPDATE FAILED**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3129I   *timestamp*: **129: STORAGE SET APPLICATION GROUP UPDATE COMPLETED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3130E   *timestamp*: **130: LOGIN FAILED RETURN CODE [*rc*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3131I   *timestamp*: **131: STORAGE SET DATA FILE UPDATE STARTED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3132E   *timestamp*: **132: STORAGE SET DATA FILE UPDATE FAILED**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3133I   *timestamp*: **133: STORAGE SET DATA FILE UPDATE COMPLETED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3134E *timestamp***: 134: DATA FILE UPDATE ERROR APPLICATION GROUP FILE** [*appl_grp_name*] [*file_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3135E *timestamp***: 135: DATA FILE UPDATE ERROR RETURN CODES** [**RC=***rc*] [**CTRC=***ctrc*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3136I *timestamp***: 136: INDEX OPTIMIZATION STARTED**

Explanation: Index optimization started. This message is for your information only.

User response: No action is required.

ARS3137E *timestamp***: 137: INDEX OPTIMIZATION FAILED**

Explanation: An error occurred while this program was running.

Index optimization failed.

User response: If the problem persists, contact your IBM Service Representative.

ARS3138I *timestamp***: 138: INDEX OPTIMIZATION COMPLETED**

Explanation: Index optimization is complete. This message is for your information only.

User response: No action is required.

ARS3139E *timestamp***: 139: INDEX CONVERSION ERROR FILE RETURN CODE** [*file_name*] [*rc*]

Explanation: An error occurred while this program was running.

An error occurred during index conversion.

User response: If the problem persists, contact your IBM Service Representative.

ARS3140I *timestamp***: 140: DATA DISTRIBUTION WRITING STARTED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3141E *timestamp***: 141: DATA DISTRIBUTION WRITING FAILED**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3142I *timestamp***: 142: DATA DISTRIBUTION WRITING COMPLETED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3143E *timestamp***: 143: DATA DISTRIBUTION WRITING TIMEOUT**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3144E   *timestamp*: **144: WRITING VOLUME FILE FAILED** [*volume_number* | *rc*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3145I   *timestamp*: **145: RIMAGE EDITLIST CREATION STARTED VOLUME** [*rc*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3146E   *timestamp*: **146: RIMAGE EDITLIST CREATION FAILED VOLUME** [*rc*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3147I   *timestamp*: **147: RIMAGE EDITLIST CREATION COMPLETED VOLUME** [*rc*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3148E   *timestamp*: **148: EDITLIST CREATION ERROR FILE RETURN CODE** [*file_name*] [*rc*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3149I   *timestamp*: **149: RIMAGE IMAGE CREATION STARTED VOLUME** [*volume*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3153I   *timestamp*: **153: RIMAGE IMAGE CREATION REQUEST ACCEPTED VOLUME** [*volume*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3158I   *timestamp*: **158: RIMAGE IMAGE PRODUCTION REQUEST ACCEPTED VOLUME** [*volume*]

Explanation: This message is for your information only.

User response: No action is required.

ARS3159E   *timestamp*: **159: UNABLE TO REMOVE ENTRY FROM RIMAGE IOF FILE** [*file_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3160E   *timestamp*: **160: UNABLE TO REMOVE ENTRY FROM RIMAGE POF FILE** [*file_name*]

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3161I *timestamp***: 161: LABEL PROCESSING STARTED**

Explanation: This message is for your information only.

User response: No action is required.

ARS3162E *timestamp***: 162: LABEL PROCESSING FAILED**

Explanation: An error occurred while this program was running.

Label processing failed.

User response: If the problem persists, contact your IBM Service Representative.

ARS3163I *timestamp***: 163: LABEL PROCESSING COMPLETED**

Explanation: Label processing is complete. This message is for your information only.

User response: No action is required.

ARS3164W *timestamp***: 163: NO DOCUMENTS RETURNED NQUERY [*named_query*]**

Explanation: The named query ran, but did not find any documents that match.

User response: Verify that this is the expected result. If it is not, verify that the named query is correct.

ARS3165E *timestamp***: 164: UNABLE TO CREATE LABEL MERGE FILE [*file_name*] [*rc*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3166E *timestamp***: 165: UNABLE TO OPEN USER-SUPPLIED MERGE FILE [*file_name*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3167I *timestamp***: 165: LABEL TEMPLATE AVN [*file_name*] [*avn_file_name*]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3169I *timestamp***: 166: LABEL TEMPLATE ID FILE [*file_id*] [*label*] [*merge_file*]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3171I *timestamp***: 167: LABEL TEMPLATE ID FIELD CONTENTS [*file_id*] [*lable*] [*merge_field_number*] [*merge_field*]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3173E *timestamp***: 168: Unable to identify client type in file [*type*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3174E   *timestamp*: **169: Unable to replace client directory [***directory_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3175E   *timestamp*: **170: Unable to install client files in directory [***directory_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3176E   *timestamp*: **171: File does not exist or is inaccessible [***file_name***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3178I   *timestamp*: **173: Installing OnDemand 32-bit client files**

Explanation: This message is for your information only.

User response: No action is required.

ARS3179I   *timestamp*: **174: Definition removed for server [***server***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3180E   *timestamp*: **175: Server definition is not for data distribution [***server***]**

Explanation: A server was specified that is not configured for data distribution.

User response: Update the server definition for data distribution and resubmit the command.

ARS3182E   *timestamp*: **176: Definition not created or updated for server [***server***]**

Explanation: The server definition could not be created or updated. This message is usually the result of a permission problem. On Windows, the user must be an administrator. On a UNIX system, the user must have at least read-write permissions for the ars.ini file.

User response: Verify the permissions and resubmit the command.

ARS3183I   *timestamp*: **177: Data distribution definition created for server [***server***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3184I   *timestamp*: **178: LOAD STARTED FILE [***name***]**

Explanation: This message is for your information only.

User response: No action is required.

ARS3185E   *timestamp*: **179: RIMAGE IMAGE SERVER ERROR [***rc***]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3186E   *timestamp*: **180: RIMAGE PRODUCTION SERVER ERROR [*rc*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3300E   *timestamp*: **028: Could not clean IOF file [*rc*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3301E   *timestamp*: **029: Could not clean POF file [*rc*]**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS3302I

    Usage: arsdd [options]
        Version: *version*
        -a <dir> Directory in which to run indexer (Default: Load Directory)
        -c Clean and reset staging directory
        -d <dir> Load directory (Required)
        -e Warnings as errors
        -g <id> Data distribution group id
        -h <server> OnDemand library server name
        -i <id> Data distribution file id
        -j <name> Network name of data distribution machine
        -k Keep load and status files
        -l <dir> Control file directory (Required)
        -m <n> Make n number of media sets
        -n <cp> Codepage for data and indexes (Default: 819)
        -o Show stored options
        -p <password> OnDemand library server password
        -r <dir> Rimage imaging directory (e.g. e:\rimage\images\)
        -s <server> OnDemand data distribution server name (Required)
        -u <userid> OnDemand library server userid
        -v Verbose output
        -w Store configuration options
        -x <[580]/[640]/[700]/[DVD]> Media capacity (Default: 640)
            580: = ~580 Mbytes
            640: = ~640 Mbytes
            700: = ~700 Mbytes
            DVD: = ~4300 Mbytes
        -y <file> Rimage image order file name (Default: ondemand.iof)
        -z <file> Rimage production order file name (Default: ondemand.pof)
        -C <zipfile> (UNIX) Install OnDemand client files
        -N Named queries may return no documents
        -R (UNIX) Remove OnDemand data distribution server definition
        -S <dir> (UNIX) Assign or change data distribution staging directory
        -Y <seconds> Rimage image order timeout (Default: 3600)
        -Z <seconds> Rimage production order timeout (Default: 3600)
        -1 <trace_file> Fully qualified trace file name
        -2 <level> Trace level number. The values are additive. (Default: 3)
            1: Errors
            2: Warnings
            4: Info
            8: Flow

Explanation: An incorrect parameter was specified for the command. The valid parameters for the command are given in the message.

User response: Resubmit the command with the correct parameters.

ARS3303I

> **Current Options for** [*server*]:
>   **Control and definition file folder ...** *folder_name*
> **[-n]** **Codepage for data and indexes.........** *codepage*
> **[-S]** **Staging directory.....................** *directory_name*

Explanation: This message is for your information only.

User response: No action is required.

ARS3304I

> **[-a]** **Indexer directory.....................** *index_directory*
> **[-d]** **Load directory.........................** *load_directory*
> **[-l]** **Log directory..........................** *log_directory*
> **[-h]** **OnDemand library server...............** *server*

Explanation: This message is for your information only.

User response: No action is required.

ARS3305I

> **[-u]** **OnDemand library server userid........** *userid*
> **[-p]** **OnDemand library server password......** *password*
> **[-x]** **Media capacity........................** *~capacity* **bytes**
> **[-j]** **Network name..........................** *network*

Explanation: This message is for your information only.

User response: No action is required.

ARS3306I

> **[-r]** **Rimage imaging directory..............** *imaging_directory*
>   **Rimage staged files directory.........** *staged_directory*
>   **Rimage order file directory...........** *order_directory*
> **[-y]** **Rimage image order file name..........** *order_directory*

Explanation: This message is for your information only.

User response: No action is required.

ARS3307I

> **[-Y]** **Rimage image order timeout............** *image_timeout* **seconds**
> **[-z]** **Rimage production order file name.....** *file_name*
> **[-Z]** **Rimage production order timeout.......** *production_timeout* **seconds**

Explanation: This message is for your information only.

User response: No action is required.

| ARS3317E   *timestamp*: **189: Call to Java command [**_java_cmd_**] failed with return code [**_rc_**].**

| **Explanation:**   An error occurred while running this program.

| **User response:**   If the problem persists, contact IBM Software Support.

ARS4010I

> **Usage: arsdb [options] [table(s)]**
>   **Version:**   *version*
>   **-- The OnDemand Database Configuration Tool --**
>   **Defaults to all tables**
>   **-d Drop Tables**
>   **-e Drop Indexes**
>   **-f Ignore DB Failures**
>   **-g (DB2/MSSQL) Start the Database**
>   **-h (DB2/MSSQL) Stop the Database**
>   **-i Import Data**
>   **-I <od_inst> OnDemand Instance Name**
>   **-k (DB2) Activate the Database**
>   **-l (DB2) For Import/Export use IXF Format**
>   **(MSSQL) For Import/Export use Native Format**
>   **-m (DB2/MSSQL) Maintenance**
>   **-o <filename> Output File name**
>   **-r Create Configuration Indexes**
>   **-s Run Statistics**
>   **-t Create Configuration Tables**
>   **-u Update Configuration Tables**
>   **-v Verbose**
>   **-x Export Data**
>   **-X (DB2) If -Y or -Z, don't backup Tablespace USERSPACE1**
>   **-y <device> (DB2) Backup the Database Offline to the device**
>   **(MSSQL) Complete Database backup to the device**
>   **-Y <device> (DB2) Backup the Database Tablespace(s) Offline to the device**
>   **-z <device> (DB2) Backup the Database Online to the device**
>   **(MSSQL) Differential Database backup to the device**
>   **-Z <device> (DB2) Backup the Database Tablespace(s) Online to the device**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS4011E   **The** *database_engine database_name* **database action failed due to an unexpected interrupt**

Explanation: The ARSDB program failed or was stopped. This message is expected if program was interrupted, such as by pressing Ctrl+C, or if the database canceled the session. Other messages in the Content Manager OnDemand System Log might help determine the cause of external problems, such as database errors. You might need to refer to the documentation for the database manager product that you are using with OnDemand for an explanation of messages and codes provided by the database.

User response: If the command was canceled from the keyboard, no action is necessary. Otherwise, look at previous messages to determine the problem. If necessary, refer to your database documentation. If the problem persists, contact your IBM Service Representative.

ARS4012E   **Unable to initialize environment. rc=**_returnCode_

Explanation: An error occurred while this program was running.

An error occurred at program startup. This message is usually the result of a path or permission problem with a configuration file or an invalid parameter in a configuration file.

User response: Verify that the instance owner has at least read permission for the configuration files (ars.ini, ars.cfg,

ars.cache, and ars.dbfs). Verify that all parameters used in the configuration files are valid. Verify that the paths to other configuration files in the ars.ini file are correct. If the problem persists, contact your IBM Service Representative.

ARS4013E   **Unable to determine the database engine**

Explanation: The OnDemand database engine parameter is not specified correctly or there is a permission problem. There are three valid values for the database engine parameter: DB2, ORACLE, and MSSQL. The instance owner must have at least read permission for the database.

User response: Correct the OnDemand database configuration and verify that the permissions are correct. Then resubmit the command.

ARS4014E   **Unable to load >***dll_name***<**

Explanation: The ARSDB program failed when attempting to load the specified dynamic load library. The instance owner needs at least read-execute permission for the dynamic load library.

User response: Verify that the dynamic load library exists and that the file permissions are correct. Then resubmit the command.

ARS4015I   **Starting the** *database_engine database_name* **database instance**

Explanation: The ARSDB command successfully started the database. This message is for your information only.

User response: No action is required.

ARS4016E   **Unable to start the** *database_engine database_name* **database instance**

Explanation: The ARSDB program failed when attempting to start the specified instance of OnDemand.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the instance could not be started. Correct the problem and then resubmit the command.

ARS4017I   **Activating the** *database_engine database_name* **database**

Explanation: The ARSDB command successfully activated the database. This message is for your information only.

User response: No action is required.

ARS4018I   **Creating the** *database_engine database_name* **database**

Explanation: The ARSDB command is attempting to create the OnDemand database. This message is for your information only.

User response: No action is required.

ARS4019E   **Unable to create the** *database_engine database_name* **database**

Explanation: The ARSDB program failed when attempting to create the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the database could not be created. Correct the problem and then resubmit the command.

ARS4020E   **Unable to configure data source** *database_engine*

Explanation: The ARSDB program failed when attempting to configure the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the database could not be configured. Correct the problem and then resubmit the command.

ARS4021I **Backing up the** *database_engine database_name* **database online**

Explanation: The ARSDB command is attempting an online back up of the OnDemand database. This message is for your information only.

User response: No action is required.

ARS4022I **Backing up the** *database_engine database_name* **database offline**

Explanation: The ARSDB command is attempting an offline back up of the OnDemand database. This message is for your information only.

User response: No action is required.

ARS4023E **Unable to connect to** *database_engine database_name* **database**

Explanation: The ARSDB program failed when attempting to connect to the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not connect to the database. Correct the problem and then resubmit the command.

ARS4024I **Are you sure you wish to drop the database tables and/or indexes:**

Explanation: The ARSDB program issues a prompt before attempting to drop database tables or indexes.

User response: Specify y (yes) to drop the database tables or indexes or n (no) to keep the database tables or indexes.

ARS4025E **Unknown table** *table_name*

Explanation: The specified table is not defined to the system.

User response: Verify the name of the table and resubmit the command.

ARS4026I **Creating table** *table_name*

Explanation: The ARSDB command is creating a table in the OnDemand database. This message is for your information only.

User response: No action is required.

ARS4027E **Unable to create table** *table_name*

Explanation: The ARSDB program failed when attempting to create the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not create the table. Correct the problem and then resubmit the command.

ARS4028I **Inserting default values into table** *table_name*

Explanation: The ARSDB command is initializing a table with default values. This message is for your information only.

User response: No action is required.

ARS4029E **Unable to insert into table** *table_name* **the values (** *values* **)**

Explanation: The ARSDB program failed when attempting to insert the specified default values into the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional

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messages to determine why the ARSDB program could not insert the default values into the table. Correct the problem and then resubmit the command.

ARS4030I   Dropping index *index_name*

Explanation: The ARSDB command is dropping the specified index. This message is for your information only.

User response: No action is required.

ARS4031E   Unable to drop index *index_name*

Explanation: The ARSDB program failed when attempting to drop the specified index.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not drop the index. Correct the problem and then resubmit the command.

ARS4032I   Dropping table *table_name*

Explanation: The ARSDB command is dropping the specified table. This message is for your information only.

User response: No action is required.

ARS4033E   Unable to drop table *table_name*

Explanation: The ARSDB program failed when attempting to drop the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not drop the table. Correct the problem and then resubmit the command.

ARS4034I   Creating index *index_name*

Explanation: The ARSDB command is creating the specified index. This message is for your information only.

User response: No action is required.

ARS4035E   Unable to create index *index_name*

Explanation: The ARSDB program failed when attempting to create the specified index.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not create the index. Correct the problem and then resubmit the command.

ARS4036I   Exporting table *table_name*

Explanation: The ARSDB command is exporting the specified table. This message is for your information only.

User response: No action is required.

ARS4037E   Unable to export table *table_name*

Explanation: The ARSDB program failed when attempting to export the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not export the table. Correct the problem and then resubmit the command.

ARS4038I   **Importing table** *table_name*

Explanation: The ARSDB command is importing the specified table. This message is for your information only.

User response: No action is required.

ARS4039E   **Unable to import table** *table_name*

Explanation: The ARSDB program failed when attempting to import the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not import the table. Correct the problem and then resubmit the command.

ARS4040I   **Reorganizing table** *table_name*

Explanation: The ARSDB command is reorganizing the specified table. This message is for your information only.

User response: No action is required.

ARS4041E   **Unable to reorganize table** *table_name*

Explanation: The ARSDB program failed when attempting to reorganize the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not reorganize the table. Correct the problem and then resubmit the command.

ARS4042I   **Updating runstat statistics for table** *table_name*

Explanation: The ARSDB command is updating the statistics for the specified table. This message is for your information only.

User response: No action is required.

ARS4043E   **Unable to update runstat statistics on table** *table_name*

Explanation: The ARSDB program failed when attempting to update statistics on the specified table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not update the statistics on the table. Correct the problem and then resubmit the command.

ARS4044I   **Stopping the** *database_engine database_name* **instance**

Explanation: The ARSDB command is stopping the database. This message is for your information only.

User response: No action is required.

ARS4045E   **Unable to commit the** *database_engine database_name* **database work**

Explanation: The ARSDB program failed when attempting to commit the transaction.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not commit the transaction. Correct the problem and then resubmit the command.

ARS4046E   **Unable to terminate the** *database_engine database_name* **database connection**

Explanation: The ARSDB program failed when attempting to disconnect from the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not disconnect from the database. Correct the problem and then resubmit the command.

ARS4048I   Backing up the *database_engine database_name* **tablespace** *tablespace_name* **at** *timestamp*

Explanation: The ARSDB command started backing up the specified OnDemand table space at the indicated time. This message is for your information only.

User response: No action is required.

ARS4049E   Unable to back up *database_engine database_name* **tablespace to** *tablespace_name*. **rc=***returnCode*

Explanation: The ARSDB program failed when attempting to back up the specified table space.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not back up the table space. Correct the problem and then resubmit the command.

ARS4051I   Backing up the *database_engine database_name* **database at** *timestamp*

Explanation: The ARSDB command started backing up the specified OnDemand database at the indicated time. This message is for your information only.

User response: No action is required.

ARS4052E   Unable to back up *database_engine database_name* **database to** *directory_name*. **rc=***returnCode*

Explanation: The ARSDB program failed when attempting to back up the database.

User response: Resubmit the command with the -v (verbose) option. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4053I   The *database_engine database_name* **database was deactivated. Please use -k to activate the database**

Explanation: The database was successfully deactivated.

User response: Submit the ARSDB program with the **-k** parameter to activate the database.

ARS4054E   DB Error: *text* -- **SQLSTATE=***sqlstate*, **SQLCODE=***sqlcode*

Explanation: The database failed. The information in the message is provided by the database.

User response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors and SQL return codes.

ARS4055E   Unable to activate database *database_name*. **SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to activate the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4056E   Database activation is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to activate the database.

User response: To activate the database, use an activation function that is provided with the database manager product that you are using with OnDemand.

ARS4057I   Timestamp for back up image is: *timestamp*

Explanation: The ARSDB command completed backing up the database. The back up was marked with the specified timestamp. This message is for your information only.

User response: No action is required.

ARS4058E   **Unable to back up database** *database_name*. **err=***err*

Explanation: The ARSDB program failed when attempting to back up the specified database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4059E   **Database back up is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to back up the database.

User response: To back up the database, use a back up function that is provided with the database manager product that you are using with OnDemand.

ARS4060E   **Database clean logs is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to clean the logs for the database.

User response: To clean the logs for the database, use a log function that is provided with the database manager product that you are using with OnDemand.

ARS4062I   **Using Locale '***locale***' and Codeset '***codeset***'**

Explanation: The ARSDB command is creating the OnDemand database with specified locale and code set. This message is for your information only.

User response: No action is required.

ARS4063E   **The '***directory_name***' directory does not exist**

Explanation: The ARSDB program could not locate the specified directory. The database owner needs read-write-execute permissions for the directory.

User response: Create the directory and set the directory permissions for a database directory. Then resubmit the command.

ARS4064E   **The** *database_name* **database already exists**

Explanation: The specified database already exists.

User response: Make sure the database specified is unique and does not already exist, then resubmit the command.

ARS4065E   **The database name '***database_name***' is invalid**

Explanation: The name specified for the database is not correct or supported by the database. It might be too long or contain invalid characters.

User response: Refer to your database documentation for naming restrictions. Then resubmit the command with a valid database name.

ARS4067E   **Unable to create the** *database_name* **database. err=***err*

Explanation: The ARSDB program failed when attempting to create the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4068I   **Updating the** *database_name* **database configuration**

Explanation: The ARSDB command is configuring database parameters for the OnDemand database. This message is for your information only.

User response: No action is required.

ARS4069E   The new path to the log is not valid

Explanation: The path name for the database log files is not a valid name. The path must be given as an absolute path and the database owner must have read-write-execute permissions on the directory.

User response: Verify the permissions and the path. Then resubmit the command.

ARS4070E   Unable to update the *database_name* **database configuration. SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to update the database configuration.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4071I   Backing up the *database_name* **database so that the updates can take effect**

Explanation: The ARSDB command is backing up the newly created database to save the updated parameters. This message is for your information only.

User response: No action is required.

ARS4072E   Database creation is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to create the database.

User response: To create the database, use a create function that is provided with the database manager product that you are using with OnDemand.

ARS4073I   Deactivating database *database_name*

Explanation: The ARSDB command is deactivating the OnDemand Database in preparation for a back up. This message is for your information only.

User response: No action is required.

ARS4074E   The DB2 instance has not been started

Explanation: The ARSDB program failed because the DB2 instance was not started.

User response: Start the DB2 instance and resubmit the command.

ARS4075W   The *database_name* **database was not activated**

Explanation: This message is for your information only.

User response: No action is required.

ARS4076E   Unable to deactivate database *database_name*. **SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to deactivate the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4077E   Database deactivate is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to deactivate the database.

User response: To deactivate the database, use a deactivate function that is provided with the database manager product that you are using with OnDemand.

ARS4078I   The *database_instance* **instance has already been started**

Explanation: The database instance is already started. This message is for your information only.

User response: No action is required.

ARS4079E   **Unable to start database** *database_name*. **SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to start the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4080E   **Database start is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to start the database.

User response: To start the database, use a start function that is provided with the database manager product that you are using with OnDemand.

ARS4081E   **Unable to deactivate database** *database_name*

Explanation: The ARSDB program failed when attempting to deactivate the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4082E   **Unable to stop** *database_engine*. **SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to stop the database.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4083E   **Database stop is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to stop the database.

User response: To stop the database, use a stop function that is provided with the database manager product that you are using with OnDemand.

ARS4084E   **Unable to export table** *table_name*. **err=***err*

Explanation: The ARSDB program failed when attempting to export a table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4086E   **Unable to import table** *table_name*. **err=***err*

Explanation: The ARSDB program failed when attempting to import a table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4088E   **Unable to reorganize table** *table_name*. **SQLCODE =** *sqlcode*

Explanation: The ARSDB program failed when attempting to reorganize a table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4089E   **Reorganization is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to reorganize the database.

User response: To reorganize the database, use a reorganization function that is provided with the database manager product that you are using with OnDemand.

ARS4090E   **Unable to do a runstats on table** *table_name*. **err=***err*

Explanation: The ARSDB program failed when attempting to update the statistics for a table.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4092E   **The** *database_name* **database was deactivated, however there is still a connection to one or more nodes**

Explanation: Only one node was deactivated, however, multiple nodes exist.

User response: Verify that all nodes are deactivated before proceeding.

ARS4094E   **Unable to connect to database**

Explanation: An error occurred while this program was running.

The ARSDB command was unable to connect to the specified OnDemand database. There might be database-related messages in the Content Manager OnDemand System Log.

User response: Verify the name of the database. Check the Content Manager OnDemand System Log for related messages. If the problem persists, contact your IBM Service Representative.

ARS4095E   **Filegroup back ups for MSSQL should be done using the Database Maintenance Planner**

Explanation: The ARSDB program cannot be used to run filegroup back ups for SQL Server.

User response: Use the Database Maintenance Planner in SQL Server to run filegroup back ups.

ARS4096E   **Differential back ups for MSSQL should be done using the Database Maintenance Planner**

Explanation: The ARSDB program cannot be used to run differential back ups for SQL Server.

User response: Use the Database Maintenance Planner in SQL Server to run differential back ups.

ARS4097E   **CoCreate instance failed**

Explanation: An error occurred while this program was running.

The ARSDB command is unable set up the Microsoft COM environment. Microsoft SQL Server might not be installed or might not be installed correctly.

User response: Verify that Microsoft SQL Server is installed and operational. If the problem persists, contact your IBM Service Representative.

ARS4098E   CoInitialize failed

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4112E   Unable to start *database_name***. HRESULT=***hresult*

Explanation: The database failed. HRESULT is an error code provided by Microsoft SQL Server.

User response: See the messages and codes documentation for the version of Microsoft SQL Server that you are using for information about database errors.

ARS4113W   *database_name* has already been started

Explanation: The database is already started, so you do not need to specify the start database parameter.

User response: No action is required.

ARS4114E   Unable to stop *database_name***. HRESULT=***hresult*

Explanation: The database failed. HRESULT is an error code provided by Microsoft SQL Server.

User response: See the messages and codes documentation for the version of Microsoft SQL Server that you are using for information about database errors.

ARS4115I   Number of rows exported = *rows_exported*

Explanation: This message is for your information only.

User response: No action is required.

ARS4116I   Number of rows imported = *rows_imported*

Explanation: This message is for your information only.

User response: No action is required.

ARS4118E   *action* for library *database_name* **failed with exception** *rc*

Explanation: The database failed.

User response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4119I

> **Creating links for the following file:**
>   *file_name*
> **Do you wish to use DISK(1) or ADSM(2)?**
> **Please specify 1 or 2:**

Explanation: The ARSDB program issues a prompt to specify the type of archived log file user exit.

User response: Specify **1** (one) to maintain the log files on disk. Specify **2** (two) to use Tivoli Storage Manager to maintain the log files.

ARS4120E   SET RULES=STD failed

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4200E   Creation of *system_folder* **information failed due to an unexpected interrupt**

Explanation: The ARSSYSCR program failed or was canceled. This message is expected if program was interrupted, such as by pressing Ctrl+C.

User response: If the command was canceled from the keyboard, no action is necessary. Otherwise, look at previous messages to determine the problem and resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4201I   **Deleting folder with fid =** *fid*

Explanation: This message is for your information only.

User response: No action is required.

ARS4203I   **Deleting application group with agid =** *agid*

Explanation: This message is for your information only.

User response: No action is required.

ARS4204I   **Updating** *owner*.*table_name*, **may result in no updates**

Explanation: This message is for your information only.

User response: No action is required.

ARS4206I   **Updating** *owner*.*table_name*

Explanation: This message is for your information only.

User response: No action is required.

ARS4207I   **Adding to** *owner*.*table_name* **with Storage Set Id =** *sid*

Explanation: This message is for your information only.

User response: No action is required.

ARS4208I   **Adding to** *owner*.*table_name*

Explanation: This message is for your information only.

User response: No action is required.

ARS4209I   **Creation of** *system_folder* **information was successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS4211E   **Failed while creating the OnDemand** *system_folder*

Explanation: The ARSSYSCR program failed when attempting to create the system definitions.

User response: See the other messages that were generated by the ARSSYSCR program to determine the cause of the problem. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4212I

```
Usage: arssyscr [-I <od_inst>] [-l | -m | -p ]
        Version: version
        -a System Load
        -h <od_inst> OnDemand instance name (same as -I)
```

-I <od_inst> OnDemand instance name (same as -h)
-l System Log
-m System Migration
-o <filename> Output file name
-p OnDemand Publications

Explanation: An error occurred during program startup.

User response: This error can occur when a configuration file has an invalid file path or when a user has insufficient permission to access this file. This error can also result from an invalid parameter in the configuration file. Verify that all parameters used in the configuration files are valid. Verify that the paths to other configuration files in the ars.ini file are correct. If the problem persists, contact your IBM Service Representative.

ARS4300I

Usage: arsload [options] [load_file]
    Version: *version*
    -a <appl> The application within the application group
            Defaults to filename conventions
    -A <field> MVS filename component to use for OnDemand application
    -b <field> Field identifier for filename index parameter
    -B <filename_format> Format of input filename for parsing
WRI WRITER
MVS MVS
JOB JOBNAME
DAT DATASET
FOR FORMS
YY YYDDD
HH HHMMM
AG Application Group
APP Application
IDX Index (Note: Can prepend to one field above to identify for load indexing)
IGN Ignore
.EXT Extension
Example: For files in the default format
 MVS.JOBNAME.DATASET.FORMS.YYDDD.HHMMM.ARD
format could be written as
 MVS.JOB.DAT.FOR.YY.HH.EXT
or format could be written as
    MVS.JOB.IDXDAT.FOR.YY.HH.EXT
to associate the DAT part of the filename as a load index
    -c <idx_dir> The directory to run the indexer
                Defaults to current directory
    -C <class> (OD390) jes class to monitor
    -d <dl_dir> The download directory
                Can be specified more than once
    -E Execute the arsuupdt user exit program
    -f If load fails, unload the data
    -F <form> (OD390) jes form to monitor
    -g <appl_grp> The application group
                Defaults to filename conventions
    -G <field> MVS filename component to use for OnDemand application group
            (OD390) WRITER.MVS.JOBNAME.DATASET.FORMS
                    – or –
                MVS.JOBNAME.DATASET.FORMS
            (Otherwise) MVS.JOBNAME.DATASET.FORMS
            Defaults to FORMS
    -h <od_inst> OnDemand library server or instance name (same as -I)
    -i Run the Indexer Only
    -I <od_inst> OnDemand library server or instance name (same as -h)
    -j <parm_file> Additional indexing parameters

> **-n** Do not remove files
> **-p** <passwd> Password
> **-s** <input>
>> (OD390) JCL ddname to use as input (i.e., INPUT)
> **-t** <seconds> Time interval to sleep
>> Defaults to *seconds* seconds
> **-u** <userid> Userid
> **-U** <file> File to find default userid/passwd
>> Defaults to *file_name*
> **-v** Verbose
> **-W** <writer> (OD390) jes writer to monitor
> **-Z** <user_def> User-defined string passed to load user exit
> **-1** <trace_file> Fully qualified trace file name
> **-2** <level> Trace level number, The values are additive. (Default: 3)
>
> **1: Errors**
> **2: Warnings**
> **4: Info**
> **8: Flow**

Explanation: An incorrect parameter was specified for the arsload command. The valid parameters are given in the message and are explained in the OnDemand Administrator's Guide.

User response: Resubmit the command with the correct parameters.

ARS4302I   *timestamp* **-- Indexing started,** *bytes* **bytes to process**

Explanation: This message is for your information only.

User response: No action is required.

ARS4303I   **--INDEXING ONLY--**

Explanation: This message is for your information only.

User response: No action is required.

ARS4304W   **---->Remaining indexer messages are being ignored<----**

Explanation: This message is for your information only.

User response: No action is required.

ARS4305E   **Generic Indexer requires the data to have already been indexed. Index the data or verify your input file and resubmit the job**

Explanation: The ARSLOAD program attempted to use the OnDemand generic indexer. However, an index file does not exist or the indexing records in the index file are not valid for the generic indexer.

User response: Verify that the indexing records in the index file are valid for the generic indexer. Then resubmit the command. See your *Indexing Reference* for more information about the generic indexer.

ARS4306E   **Unknown Indexer >***indexer***<**

Explanation: The indexer that is specified for the application is not a valid indexing program.

User response: Verify that the data is of the format expected by the defined indexer or specify a different indexer for the application in the Content Manager OnDemand administrative client. Then resubmit the command.

ARS4307E   **Output/Indexer file was not created**

Explanation: The indexing program did not create the output file or the index file.

User response: Verify and correct the indexing parameters and resubmit the command.

ARS4308I   *timestamp* **Indexing completed**

Explanation: This message is for your information only.

User response: No action is required.

ARS4309E   *timestamp* **Indexing failed**

Explanation: The indexing program failed.

User response: Verify and correct the indexing parameters and then resubmit the command.

ARS4310I   *timestamp* **Loading completed**

Explanation: This message is for your information only.

User response: No action is required.

ARS4311E   *timestamp* **Loading failed**

Explanation: The ARSLOAD program failed.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4312I   *timestamp* **-- Loading started,** *bytes* **bytes to process**

Explanation: This message is for your information only.

User response: No action is required.

ARS4313E   **The postprocessor command >***command***< failed on the DB file >***db_file_name***< for the file >***file_name***<**

Explanation: The ARSLOAD program failed when attempting to run the specified postprocessor command.

User response: Verify the full path name of the command. Verify that the command runs successfully outside of the OnDemand environment. Then resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4314E   **File >***file_name***< cannot be processed because the Application Group cannot be determined**

Explanation: The ARSLOAD program failed because the name of the application group to load was not specified or could not be derived from the input file name.

User response: Resubmit the command with the name of the application group or verify that the name of the input file contains the name of the application group and then resubmit the command. See the *Administration Guide* for more information about how the ARSLOAD program can derive the name of the application group from the input file name.

ARS4315I   **Processing file >***file_name***<**

Explanation: This message is for your information only.

User response: No action is required.

ARS4316E   **File >***file_name***< cannot be found for processing**

Explanation: The ARSLOAD program could not find the specified file. If you are using the generic indexer, the paths to the data files in the index might be incorrect. Unlike other indexers, the generic indexer requires the use of an absolute path to the data files referenced in the index.

User response: Verify that the file exists and that the user has at least read permission for the file and directory. Verify that the path is given as an absolute, rather than a relative, path. Then resubmit the command.

ARS4317I   **Processing successful for file >**_file_name_**<**

Explanation: This message is for your information only.

User response: No action is required.

ARS4318E   **Processing failed for file >**_file_name_**<**

Explanation: The ARSLOAD program failed when processing the specified file.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4319W   **Unloading of data was NOT performed**

Explanation: The ARSLOAD program failed. However, the ARSLOAD program did not unload the data.

User response: Either unload the data by submitting the ARSADMIN program with the UNLOAD function or use the unload parameter when you submit the ARSLOAD program.

ARS4320I   _timestamp_ **-- Unloading started**

Explanation: This message is for your information only.

User response: No action is required.

ARS4321I   _timestamp_ **-- Unloading of data was successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS4322E   _timestamp_ **-- Unloading of data failed**

Explanation: The ARSLOAD program failed when attempting to unload data.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4323E   **Unable to log load information**

Explanation: The ARSLOAD program failed when attempting to obtain the log load information.

User response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4324E   **File >**_file_name_**< renamed to >**_file_name_**.Failed<. Correct problems and resubmit file.**

Explanation: The ARSLOAD program failed and renamed the specified file.

User response: See the other messages that the ARSLOAD program generated. Correct any problems and then resubmit the command.

ARS4325E   **The -n option should not be used when running this command as a daemon. This will cause the files to be recursively loaded.**

Explanation: An attempt was made to start the ARSLOAD program as a daemon, however, the **-n** parameter was specified. The **-n** parameter is not valid when running the ARSLOAD program as a daemon. See the _Administration Guide_ for a complete list of ARSLOAD parameters.

User response: Resubmit the command without the **-n** parameter.

ARS4326E   **Could not connect to server to establish log id**

Explanation: The ARSLOAD program failed when attempting to obtain the log ID.

User response: Verify that the server on which you want to load the data is running. Then resubmit the command.

ARS4327E   **Processing has stopped. The remaining files will NOT be processed.**

Explanation: The ARSLOAD program failed while loading files. Some files might not have been loaded, and will need to be submitted again. If the daemon was used to process files, failed files will have `.failed` appended to the file name.

User response: See the messages that were generated by the ARSLOAD program. Resubmit the ARSLOAD program to load the files that were not loaded.

ARS4328E   **ARSSAPIR failed: rc =** *rc sapi_rc*(*sapi_rsn*)

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4329E   **SVC 99 failed for file** *file_name*: **S99ERROR =** *error*, **S99INFO =** *info*

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4330E   **Field index format may be specified incorrectly on the command line. Check usage information.**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4331E   **Unable to add another index field to the data. Data maybe fully composed or otherwise already indexed.**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4332E   **The maximum number of fields are already in use for this data type.**

Explanation: An error occurred while this program was running.

User response: If the problem persists, contact your IBM Service Representative.

ARS4333I   **ARSLOAD is running in direct mode. (ARSMVS_ARSADMIN_USETCPIP=0).**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS4400I

        Usage: arsview [-c] [-l] [-w] [-h] [-o] [-r] [-f] [-t] inputfile
           Version: *version*
           -c <chars> Characters per inch (horizontal) (default: 18)
           -l <lines> Lines per inch (vertical) (default: 12)
           -w <inches> Page width (default: 8.5)
           -h <inches> Page height (default: 11.0)
           -o <rot> Page orientation (0 | 90 | 180 | 270)
           -r <file> Resource group file
           -f <dir> Font directory

-t <file> Trace file
-x Suppress rules/lines
-y Character space reset

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS4401E   **Error opening input file -** *file_name*

Explanation: The ARSVIEW program failed when attempting to open the specified input file. The user must have at least read permissions on the file.

User response: Verify that the file exists and verify the name of the file. Verify the file permissions. Then resubmit the command.

ARS4402I

Usage: arsview -n [-d] [-i] [-j] [-p] [-m] [-f] [-l] [-g] [-c] [-r]
 Version: *version*
 -i <file> Input file
 -j <file> Output file (default: standard output)
 -p <pages> Number of pages (default: all)
 -m <prmode> Mode (default: none)
 -f <record format> format (default: stream)
 -l <record length> length (default: 133)
 -d <record delimiter> delimiter (default: 0A)
 -g <trc present> (default: false)
 -c <code page> code page (default: 850)
 -r <cc type> cc type (default:ansi)

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand Administration Guide.

ARS4500I

Usage: arsdate [-a|-i|-t] [-d] [-f] [-g] [-h] [-m] [-n] [-s] [-y] (value | number)
    Version: *version*
    -a   Archive internal date format. (Default)
    -d <days>   Days to add
    -f <fmt>   Format string for value or number
    -g   Get today's date
    -h <hours>   Hours to add
    -i   Archive internal date/time format wo/TZ
    -m <months>   Months to add
    -n <mins>   Minutes to add
    -s <secs>   Seconds to add
    -t   Archive internal time format
    -y <years>   Years to add
    -z   Archive internal date/time format w/TZ

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS4501I   **Today:** *timestamp*

Explanation: This message is for your information only.

User response: No action is required.

ARS4502E   **Failed**

Explanation: The ARSDATE program could not perform the requested date conversion. Valid date formats are listed in the *Administration Guide*.

User response: Verify that the date value or the date and time value is correct. Then resubmit the command.

ARS4601I

>   **Usage: arsdoc [get | query | add | update | delete | print]**
>   **Version:**   *version*

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS4602E   **Unknown command >***command***<**

Explanation: Unable to run the specified command. The user must have at least read-execute permission for the file.

User response: Verify that the command exists and that the file permissions are correct. Then resubmit the command.

ARS4700I   **OnDemand Command Prompt**

Explanation: This message is for your information only.

User response: No action is required.

ARS4703E   **Unable to run command >***command***<, errno=***errno*

Explanation: The OnDemand server was unable to run the specified command. The *errno* value, which might provide additional information, resides in `/usr/include/sys/errno.h` on UNIX systems, `/usr/include/errno.h` on z/OS systems, and `/QIBM/include/errno.h` on i5/OS and OS/400 systems. The user must have at least read-execute permission for the command.

User response: Verify that the command exists and verify the file permissions, then resubmit the command. See the `errno.h` file for more information.

ARS4800I   **Received index data >***text***<**

Explanation: This message is for your information only.

User response: No action is required.

ARS4801I   **Returned index data >***text***<**

Explanation: This message is for your information only.

User response: No action is required.

ARS4802I   **All index data has been returned.**

Explanation: This message is for your information only.

User response: No action is required.

ARS4804I   Number of bytes received = '*num_bytes*', hex value = '*hex_value*'

Explanation: This message is for your information only.

User response: No action is required.

ARS4805I   Number of bytes received = '*num_bytes*', hex value = '*hex_value*'

Explanation: This message is for your information only.

User response: No action is required.

ARS4806I   Initializing arscmnst. Version: *version*

Explanation: This message is for your information only.

User response: No action is required.

ARS4807E   Unable to convert UTF-8 character string *char_string* to a UTF-16 character string

Explanation: The command failed when attempting to convert a UTF-8 character string.

User response: Contact your IBM Service Representative.

ARS4808E   Unable to convert UTF-16 character string *char_string* to a UTF-8 character string

Explanation: The command failed when attempting to convert a UTF-16 character string.

User response: Contact your IBM Service Representative.

ARS4900I

> **Usage: arspdoci [parmdd filename]**
> > **Version:** *version*
> > **Coordinates: Metrics (units X and Y are specified in)**
> > > **Inches | Centimeters | Millimeters**
> > **Fontlib: Font directory**
> > **Inputdd: Input filename**
> > **Msgdd: Message filename - default is stdout**
> > **Outputdd: Output filename pattern**
> > **TraceDD: Trace file - default is stderr**
> > **Trace: What to trace - default is off**
> > > **API | WORDS | FCNS | INDEX | ALL**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS4901I   *parameter*

Explanation: This message is for your information only.

User response: No action is required.

ARS4902I   Number of input pages = *pages*

Explanation: This message is for your information only.

User response: No action is required.

ARS4903E   *keyword* **keyword contains non-numeric identifier**

Explanation: The identifier for the specified keyword must be a number from 1 to 16 (TRIGGER parameter) or 1 to 32 (INDEX or FIELD parameter).

User response: Correct the identifier and resubmit the command.

ARS4904E   **Error allocating** *bytes* **bytes memory**

Explanation: The IBM Content Manager OnDemand PDF Indexer was unable to allocate the requested amount of memory.

User response: Decrease the load on the system or increase the amount of memory available to the IBM Content Manager OnDemand PDF Indexer and resubmit the command.

ARS4905E   *parameter* **parameter syntax incorrect**

Explanation: The syntax for the TRIGGER, FIELD, or INDEX parameter is not correct.

User response: Correct the parameter and resubmit the command.

ARS4906E   **Unknown parameter:** *parameter*

Explanation: The specified string is not a valid IBM Content Manager OnDemand PDF Indexer parameter.

User response: Correct the parameter and resubmit the command.

ARS4907E   **Incorrect index file definition**

Explanation: The file specified for the INDEXDD file definition parameter cannot be created. The user must have read-write permissions for the directory. If the file does not exist, it will be created. If it does exist, it will be replaced.

User response: Verify that the file name and path in the parameter file are correct. Verify that the directory exists and that the permissions are correct. Then resubmit the command.

ARS4908E   **Incorrect input file definition**

Explanation: The file specified for the INPUTDD file definition parameter cannot be read. The user must have read permission for the directory and the file.

User response: Verify that the file name and path in the parameter file are correct. Verify that the directory and the file exist and that the permissions are correct. Then resubmit the command.

ARS4909E   **Incorrect output file definition**

Explanation: The file specified for the OUTPUTDD file definition parameter cannot be created. The user must have read-write permissions for the directory. If the file does not exist, it will be created. If it does exist, it will be replaced.

User response: Verify that the file name and path in the parameter file are correct. Verify that the directory exists and that the permissions are correct. Then resubmit the command.

ARS4910E   **Incomplete indexing parameters supplied**

Explanation: The current set of indexing parameters does not permit the IBM Content Manager OnDemand PDF Indexer to create index data. There might be a syntax error in the TRIGGER parameter. The parameter file must exist, and it must contain at least one set of TRIGGER, FIELD, and INDEX parameters. The indexing reference provides a sample parameter file.

User response: Correct the parameters and resubmit the command.

ARS4911E   **Error opening INDEX file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4912E   **Error opening Input file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4913E   **Error opening Parameter file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4914E   **Trigger(s) not found by page** *page*

Explanation: The IBM Content Manager OnDemand PDF Indexer did not find a trigger by the specified page number. The INDEXSTARTBY parameter determines the page number by which the IBM Content Manager OnDemand PDF Indexer must find a trigger and begin indexing.

User response: Verify the page number that is specified in the INDEXSTARTBY parameter. If the page number is correct, verify the TRIGGER parameters. Then resubmit the command.

ARS4915E   **Field(s) not found by page** *page*

Explanation: The IBM Content Manager OnDemand PDF Indexer did not find a field by the specified page number. The INDEXSTARTBY parameter determines the page number by which the IBM Content Manager OnDemand PDF Indexer must find a trigger and begin indexing for a field.

User response: Verify the page number that is specified in the INDEXSTARTBY parameter. If the page number is correct, verify the FIELD parameters. Then resubmit the command.

ARS4916E   **Failed Adobe Toolkit Initialization rc=***returnCode***Error string :** *string*

Explanation: The Adobe toolkit returned an error. There might be a problem with the permissions on the directories specified for the FONTLIB and TEMPDIR parameters, the directories might be incorrect, or the disk might not have enough space. The user must have read-write permissions for the directories. Images usually require more space than text.

User response: Verify the directories that are specified for the FONTLIB and TEMPDIR parameters. Verify the permissions for the directories named in these parameters. Verify that the FONTLIB directories provide access to the fonts that are required by the IBM Content Manager OnDemand PDF Indexer. Verify that the TEMPDIR directory contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4917E   **Create of new Document Segment failed**

Explanation: The Adobe toolkit returned an error when trying to create a new document segment. There might be a problem with the permissions on the directories specified for the FONTLIB and TEMPDIR parameters, the directories might be incorrect, or the disk might not have enough space. The user must have read-write permissions for the directories. Images usually require more space than text.

User response: Verify the directories that are specified for the FONTLIB and TEMPDIR parameters and the files and directories that are named in the INPUTDD and OUTPUTDD parameters. Verify the permissions for the files and directories named in these parameters. Verify that the FONTLIB directories provide access to the fonts that are required by the IBM Content Manager OnDemand PDF Indexer. Verify that the TEMPDIR and OUTPUTDD

directories contain sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4918E   Page extraction failed!

Explanation: The Adobe toolkit returned an error when trying to extract pages for a new segment. The original PDF might be damaged. There might be a problem with the permissions on the directories specified for the FONTLIB and TEMPDIR parameters, the directories might be incorrect, or the disk might not have enough space. The user must have read-write permissions for the directories. Images usually require more space than text.

User response: Verify that the PDF is not damaged by viewing in Adobe Acrobat. Verify the directories that are specified in the FONTLIB and TEMPDIR parameters. Verify the permissions for the directories named in these parameters. Verify that the FONTLIB directories provide access to the fonts that are required by the IBM Content Manager OnDemand PDF Indexer. Verify that the TEMPDIR directory contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4919E   Word search or extraction error

Explanation: The Adobe toolkit returned an error while searching the PDF document. The original PDF might be damaged. There might be a problem with the permissions on the directories specified in the FONTLIB and TEMPDIR parameters, the directories might be incorrect, or the disk might not have enough space. The user must have read-write permissions for the directories. Images usually require more space than text.

User response: Verify the directories that are specified in the FONTLIB and TEMPDIR parameters. Verify the directory permissions. Verify that the directories that are named in the FONTLIB parameter provide access to the fonts that are required by the IBM Content Manager OnDemand PDF Indexer. Verify that the directory named in the TEMPDIR parameter contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4920E   Error during Distil rc =*rc* Error string :*string* Check the Distiller messages

Explanation: Acrobat Distiller returned an error while trying to distill the input file.

User response: Use the Distiller output messages to determine the cause and resolution of the error. After correcting the error, resubmit the command.

ARS4921E   The Input file contains an unsupported data type

Explanation: The input file does not contain PostScript or PDF data.

User response: Verify that the correct file is named in the INPUTDD parameter. Verify that the file named in the INPUTDD parameter contains PostScript or PDF data. Then resubmit the command.

ARS4922I   ARSPDOCI completed code *rc*

Explanation: The IBM Content Manager OnDemand PDF Indexer completed processing the input data with the completion code listed.

User response: No action is required.

ARS4923E   *action* version *error code string*

Explanation: The Adobe toolkit returned an error. The message displays the toolkit function being used when the error occurred, the error code, and the error message

User response: See the user response for message 4924.

ARS4924E   Error running *action* API rc =*rc*Error string: *string*

Explanation: The Adobe toolkit returned an error. The *rc* (reason code) and *string* are provided by they Adobe toolkit.

User response: Verify the directories that are specified in the FONTLIB and TEMPDIR parameters. Verify the permissions for the directories named in these parameters. Verify that the FONTLIB directories provide access to the

fonts that are required by the IBM Content Manager OnDemand PDF Indexer. Verify that the TEMPDIR directory contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4925I

> **ARS4925 Usage: arspdump -f filename [-F font_dir] [-h] [-o output file] [-p page number] [-t temp dir]**
> **Version:** *version*
> **-f: PDF file name**
> **-F: Font directory**
> **-h: This message**
> **-o: Output file (default is stdout)**
> **-p: Specifies the page number (default is all pages)**
> **-t: Temp directory**

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, see the *Indexing Reference*.

ARS4926I   **– Page** *page* **–**

Explanation: This message is for your information only.

User response: No action is required.

ARS4927I   **— Rotated 90 degrees —**

Explanation: This message is for your information only.

User response: No action is required.

ARS4928I   **------------- Rotated 180 degrees ---------**

Explanation: This message is for your information only.

User response: No action is required.

ARS4929I   **— Rotated 270 degrees —**

Explanation: This message is for your information only.

User response: No action is required.

ARS4930I   **WordFinder version:** *version*

Explanation: This message is for your information only.

User response: No action is required.

ARS4931I   **Number of Pages =** *page*

Explanation: This message is for your information only.

User response: No action is required.

ARS4936E   **The resource extraction failed.**

Explanation: The Adobe toolkit returned an error.

User response: See response for message 4924.

ARS4937E   **Incorrect resource file definition**

Explanation: The file specified for the RESOBJDD file definition parameter is not a valid file name.

User response: Correct the file name specified in the file definition parameter and resubmit the command.

ARS4938E   **Error opening RESOURCE file** *file_name* **error code** *error_code*

Explanation: The specified file does not exist, or the file permissions do not allow the file to be opened.

User response: Verify that the file exists, and that the file's permissions allow it to be opened. Then resubmit the command.

ARS4939E   **Copy of file** *file_name* **to** *file_name* **was unsuccessful.**

Explanation: An attempt to copy the input file to the temporary directory failed.

User response: Verify that the file exists and verify that the file permissions allow the file to be copied. Verify the space in the temporary directory.

ARS4940E   **Index not found by page** *page number*

Explanation: The IBM Content Manager OnDemand PDF Indexer did not find an index by the specified page number. The INDEXSTARTBY parameter determines the page number by which the IBM Content Manager OnDemand PDF Indexer must find an index.

User response: Verify the page number that is specified on the INDEXSTARTBY parameter. If the page number is correct, verify that the document contains Metadata indexes and resubmit the command.

ARS4941I   **The OnDemand PDF feature has not been installed. Please ensure that the feature has been purchased and properly installed.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS4942E   **TRIGGER1 must be GROUP type.**

Explanation: TRIGGER1 must be TYPE=GROUP, which is the default. TYPE=FLOAT is not valid for TRIGGER1.

User response: Verify the TRIGGER1 parameter. Then resubmit the command.

ARS4943E   **At least one index must contain fields which are not based on a floating trigger.**

Explanation: If the index contains multiple fields, none of the fields can be based on floating triggers.

User response: Verify the INDEX parameters. Then resubmit the command.

ARS4944E   **Error in field** *field*. **A field based on a floating trigger must contain a default value.**

Explanation: A field which is based on a trigger of TYPE=FLOAT must contain a default value.

User response: Verify the FIELD parameters. Then resubmit the command.

ARS4945E   **Error in index** *index*. **Indexes which contain a field based on a floating trigger cannot be combined with other fields in the same index.**

Explanation: The index must contain only the single field.

User response: Verify the INDEX parameters. Then resubmit the command.

| **ARS4946E**   **Referenced page** *page* **is outside the range of pages in the document.**

| **Explanation:** FIELD parameters can contain a page offset from the current page. The page referenced by a FIELD
| parameter is outside of the range of pages in the document.

| **User response:** Verify the FIELD parameters. Then resubmit the command.

ARS5002I   **The path to** *program* **could not be determined**

Explanation: An attempt was made to run the specified program, but the path to the program could not be
determined.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM
Service Representative.

ARS5004I   **fldata() failed for** *file_name* **(RC:***int_rc* **(X'***hex_rc***))**

Explanation: An error occurred while OnDemand was attempting to determine the file information for the file.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM
Service Representative.

ARS5005I   **Syntax error - keyword delimiter not found**

Explanation: A keyword delimiter was not provided.

User response: Correct the error and resubmit the command.

ARS5006I   **Unrecognized keyword:** *keyword*

Explanation: A keyword was found that was not valid.

User response: Verify the spelling of the keyword, and that it is valid for the utility. Then resubmit the command.

ARS5007I   **Keyword operand not supplied**

Explanation: The keyword requires an operand, but one was not provided.

User response: Supply the missing operand and resubmit the command.

ARS5008I   **Operand rightside delimiter not found**

Explanation: The rightside delimiter for a keyword operand was not found. For example, `KEYWORD=(a,b` was entered
instead of `KEYWORD=(a,b)`.

User response: Supply the missing delimiter and resubmit the command.

ARS5009I   **Operand leftside delimiter not found**

Explanation: The leftside delimiter for a keyword operand was not found. For example, `KEYWORD=a,b)` was entered
instead of `KEYWORD=(a,b)`.

User response: Supply the missing delimiter and resubmit the command.

ARS5010I   **Invalid operand length**

Explanation: The operand for a keyword was too long for the keyword.

User response: Shorten the operand and resubmit the command.

ARS5011I   **True/False operand expected**

Explanation: A true (true, yes, or 1) or false (false, no, or 0) was expected as the operand of the keyword.

User response: Correct the operand and resubmit the command.

ARS5012I   **Operand does not consist of all decimal digits**

Explanation: The operand must be an integer.

User response: Correct the operand and resubmit the command.

ARS5013I   **Control statements processing completed - RC=**_int_rc_ **(X'**_hex_rc_**')**

Explanation: Parameter file processing completed. The maximum return code is displayed.

User response: No action is required.

ARS5014I   **Unable to initialize environment for** _instance_**. RC=**_rc_

Explanation: The environment could not be initialized for the specified instance.

User response: Verify that the instance name is correct and corresponds to an instance in the ars.ini file. Then resubmit the command.

ARS5015I   **ODINSTANCE must be specified**

Explanation: The ODINSTANCE keyword is required as control statement for ARSEXPIR.

User response: Specify the ODINSTANCE keyword and resubmit the command.

ARS5016I   **Storage sets** _sset1_ **and** _sset2_ **contain the same storage node** _nodename_

Explanation: The same node name appears in two storage sets. ARSEXPIR cannot determine which node ID to use.

User response: Remove the duplicate node from one of the storage sets.

ARS5017I   **Invalid message id** _msgid_

Explanation: An attempt was made to issue a message for which no message template exists.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS5018I   **Error occurred processing ARSMVSSR. RC =** _rc1_ **(**_rc2_**-**_rsn_**)**

Explanation: The ARSMVSSR function was called to extract the MVS™ system management facilities (SMF) records, however it encountered a problem. _rc1_ indicates the type of error:
1   ATTACH failed
2   SORT failed
3   BPX1OPN failed
4   BPX1WRT failed

_rc2_ and _rsn_ contain error related return and reason codes.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS5019I   **Arsadm returned invalid node on line** _linenum_**. Text=**_text_

Explanation: The ARSADM program was called to retrieve a list of the OnDemand storage nodes, but the list that was returned was not formatted correctly. The message contains the line number and the first 200 characters of the line.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS5020I   **SORT returned no data**

Explanation: The sort process indicated that objects were found that were to be deleted. However, the file that was supposed to contain the data either does not exist or contains zero bytes.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS5021I   *text*

Explanation: The message text is produced when requested under the direction of the IBM Support Center.

User response: Provide the message text to the Support Center.

ARS5022I   **Sort complete.** *num_objs* **objects returned.**

Explanation: The sort step completed reading all the MVS SMF records. *num_objs* were found that are candidates for unloading.

User response: No action is required.

ARS5023I   *cmd* **returned** *rc*. **Parms=>**parms<

Explanation: A non-zero return value was provided by the *cmd*. This message provides the parameters that were used to invoke the command.

User response: Search the problem reporting database for a fix for the problem. If no fix exists, contact your IBM Service Representative.

ARS5024I   **ARSEXPIR** *version* **invoked on** *tstamp*

Explanation: ARSEXPIR was invoked at the specified time.

User response: No action is required.

ARS5028I   **Storage Manager Document Expiration: Application group** *application group* **Rows Deleted** *rows*

Explanation: Rows were deleted from the application group data table(s) for the specified application group.

User response: No action is required.

ARS5030I   **LoadId**loadid

Explanation: The partial load id was involved in the action.

User response: No action is required.

ARS5400E   **ACIF Parm parser did not return any values**

Explanation: The indexing parameters did not result in any Triggers, Fields, or Index values. The set of index instructions is invalid.

User response: Specify a valid set of indexing parameters.

ARS5401E   **Input Parm string is empty**

Explanation: No indexing parameters were found.

User response: Specify a valid set of indexing parameters.

ARS5402E   Trigger column scan not supported

Explanation: The OS/390® indexer does not support column scanning for Triggers.

User response: Specify a column number in the Trigger.

ARS5403E   Use of multiple fields for INDEX *index-number* **is not supported**

Explanation: The OS/390 indexer does not support the use of multiple fields to construct the index value.

User response: Specify a single field for the Index.

ARS5404E   More than 8 sets of segmentation instructions were identified

Explanation: The OS/390 indexer supports up to eight sets of segmentation instructions. More than eight index instructions specified BREAK=YES.

User response: Redefine the indexing parameters to use a maximum of eight BREAK=YES instructions.

ARS5405E   Field default values are not supported

Explanation: The OS/390 indexer does not support the use of "default values" on the Field parameter.

User response: Redefine the indexing parameters to not use "default values."

ARS5406E   Field constant values are not supported

Explanation: The OS/390 indexer does not support the use of "constant values" on the Field parameter for indexes 1 and 3 of NODX reports or index 3 of PAGE reports.

User response: Redefine the indexing parameters to not use "constant values."

ARS5407E   Invalid DOC SIZE specified *size*

Explanation: The document size returned from the ANYSTORE exit was invalid. The value must be between 1 and 1048320.

User response: Correct any errors in your ANYSTORE exit.

ARS5408E   ANYSTORE - INDEX call with no or an incomplete preceding segment

Explanation: The ANYSTORE exit returned with the ANY-INDEX return code, but was not preceded by a completed document.

User response: Correct any errors in your ANYSTORE exit.

ARS5409E   ANYSTORE - EOF call with no or an incomplete preceding segment

Explanation: The ANYSTORE exit returned with the ANY-EOF return code, but was not preceded by a completed document.

User response: Correct any errors in your ANYSTORE exit.

ARS5410E   NULL file read. Processing stopped.

Explanation: End of file was found, but no documents have been stored.

User response: If using the ANYSTORE exit, correct any errors in your ANYSTORE exit. Verify that the report file contains valid data. Contact your IBM Service Representative for further assistance.

ARS5411E   **Severe error returned from ANYSTORE exit. Processing stopped.**

Explanation: The ANYSTORE exit returned with the ANY-ERR return code.

User response: Look for additional messages generated by the ANYSTORE exit, and correct any errors in your ANYSTORE exit.

ARS5412E   **ARSASTOR - Invalid doc size specified:** *size*

Explanation: An AFP document was returned with an invalid document size. The value must be between 1 and 1048320.

User response: Verify that the AFP report contains valid data. Contact your IBM Service Representative for further assistance.

ARS5413E   **ARSASTOR - Index call with no or an incomplete preceding segment**

Explanation: The ARSASTORE exit returned with the AFP-INDEX return code, but was not preceeded by a completed document.

User response: Verify that the AFP report contains valid data. Contact your IBM Service Representative for further assistance.

ARS5414E   **ARSASTOR - EOF call with no or an incomplete preceding segment**

Explanation: The ARSASTORE exit returned with the AFP-EOF return code, but was not preceeded by a completed document.

User response: Verify that the AFP report contains valid data. Contact your IBM Service Representative for further assistance.

ARS5415E   **Severe error returned from ARSASTOR exit. Processing stopped.**

Explanation: A severe error was found while processing an AFP report.

User response: Look for additional messages generated by the store routine. Verify that your report file contains valid data. Contact your IBM Service Representative for further assistance.

ARS5416E   **PAGE-TABLE array size exceeded**

Explanation: The maximum number of pages supported by the Large Object processing was exceeded.

For example, if you use the OS/390 indexer with large object support enabled, the maximum number of pages in a single document is 379,359 pages.

User response: Modify the report or the indexing instructions so that the report does not exceed the maximum number of pages that is supported by your indexer. Contact your IBM Service Representative for further assistance.

ARS5417E   **Invalid AFP record, 5A not found in pos 1**

Explanation: A line was found in the AFP file which did not contain a X'5A' in column 1.

User response: Verify that your report file contains valid data.

ARS5418I   **ANYSTORE document not recognized as being either Line Print or AFP, no Large Object processing performed**

Explanation: A report captured through an ANYSTORE exit was not recognized as being either "line print" or "AFP." No attempt will be made to capture it as a Large Object.

User response: No action is required.

ARS5419E   **No documents found - input exhausted**

Explanation: The "start of report," based on trigger instructions, was not found before reaching end of file.

User response: Verify that your report file contains valid data, and verify that the indexing instructions are correct.

ARS5430E   **Structured field length does not match record length. Record count:** *record_count*. **Input DDNAME** *ddname*

Explanation: The AFP record's structured field length value (columns 2-3) does not match the record length of the variable length record. The variable length record must be one byte longer than the structured field length value.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5431E   **Premature EOF for DDNAME** *ddname*

Explanation: An End of File condition was found before it was expected. This can occur if the file does not contain both a BDT and an EDT record.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5432I   **Match not found for value in TLE record, record number** *record_num*. **Input DDNAME** *ddname*

Explanation: A TLE record was found which could not be matched with any index.

User response: No action required. This message is for informational purposes only.

ARS5433E   **AFPDSIN data set was empty**

Explanation: An input AFP data set does not contain any records.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5435E   **TLE invalid structure, NAME triplet not found, record number** *record_num*. **Input DDNAME** *ddname*

Explanation: A TLE record was found which did not contain a valid Name triplet.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5436E   **TLE invalid structure, VALUE triplet not found, record number** *record_num*. **Input DDNAME** *ddname*

Explanation: A TLE record was found which did not contain a valid Value triplet.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5438I   **Truncated records fixed for AFP file** *ddname*, **count** *record_count*

Explanation: The program identified one or more records as having a record length value within the AFP record that was larger than the physical record length. The program adds trailing blanks to the record to make it agree with the length in the AFP record.

User response: No action is required. The assumption is that JES removed the trailing blanks, so the program puts them back in.

ARS5439I   **Truncated records fixed for Resource file** *ddname*, **count** *record_count*

Explanation: The program identified one or more records as having a record length value within the resource record that was larger than the physical record length. The program adds trailing blanks to the record to make it agree with the length in the resource record.

User response: No action is required. The assumption is that JES removed the trailing blanks, so the program puts them back in.

ARS5440E   **Invalid NOP record format, invalid length**

Explanation: A NOP record with either an OD390 or ODZOS id value was found, but its record length was not valid. OD390 NOP records have a record length of 1048. ODZOS NOP records have a record length of 8208.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5441E   **Open failed for input file - *ddname***

Explanation: An error occurred when opening the input report data set.

User response: Check the JES log for additional messages.

ARS5442E   **Invalid RECFM (F) for AFP datastream.** *ddname*

Explanation: The record format for the AFP input data set was "fixed." A "variable" record format is expected.

User response: Ensure that the AFP report data set contains valid AFP data.

ARS5443E   **Open failed for AFP file – *ddname***

Explanation: An error occurred when opening the input AFP report data set.

User response: Check the JES log for additional messages.

ARS5444E   **Close failed for *ddname* for AFP file**

Explanation: An error occurred when closing the input AFP report data set.

User response: Check the JES log for additional messages.

ARS5445E   **AFP read failed for file *ddname***

Explanation: An error occurred when reading the input AFP report data set.

User response: Check the JES log for additional messages.

ARS5446I   **Open failed for AFP resource file – *ddname***

Explanation: An error occurred when opening the input AFP resource data set.

User response: Check the JES log for additional messages.

ARS5447E   **Close failed for *ddname* for AFP resource file**

Explanation: An error occurred when closing the input AFP resource data set.

User response: Check the JES log for additional messages.

ARS5448E   **Resource read failed for file *ddname* after record #*record_count***

Explanation: An error occurred when reading the input AFP resource data set.

User response: Check the JES log for additional messages.

ARS5450E   **Triggers with TYPE=GROUP were not satisfied within the page range specified by the INDEXSTARTBY parameter**

Explanation: The OS/390 indexer did not find the TYPE=GROUP triggers by the specified page number. The INDEXSTARTBY parameter determines the page number by which the z/OS indexer must find the TYPE=GROUP trigger and begin indexing.

User response: Verify the page number that is specified in the INDEXSTARTBY parameter. If the page number is correct, verify the TRIGGER parameters. Then rerun the load

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ARS5454E   **Offset value on a FIELD or TRIGGER exceeds 255**

Explanation: The valid range of values for the offset on the FIELD and TRIGGER parameters is 0 through 255.

User response: Verify the indexing parameters. Correct and rerun the load.

ARS5455E   **Maximum size of DJDE Buffer exceeded**

Explanation: The maximum number of DJDE records supported by the processing logic was exceeded.

User response: Contact your IBM Service representative for assistance.

ARS5456E   **DJDECNT value must be between 0 and 256**

Explanation: The range of valid values for the DJDECNT parameter is 0 through 256.

User response: Verify the indexing parameters. Correct and rerun the load.

ARS5457E   **DJDECOL value must be between 1 and LRECL**

Explanation: The range of valid valudes for the DJDECOL parameter is 1 through the input file's logical record length.

User response: Verify the indexing parameters. Correct and rerun the load.

ARS5458E   **Global DJDE records not found.**

Explanation: A DJDECNT value greater than zero was specified, but the global DJDE records could not be found.

User response: Verify the indexing parameters. Correct and rerun the load.

ARS5459E   **Close failed for input file -** *ddname*

Explanation: An error occurred when closing the input report dataset.

User response: Check the JES log for additional messages.

ARS5460E   **Read failed for input file -** *ddname*

Explanation: An error occurred when reading the input report dataset.

User response: Check the JES log for additional messages.

ARS5461E   **Input file RECFM not \"F\" or \"V\"**

Explanation: The report input file must have a record format that starts with F or V.

User response: Correct the record format of the input file, and rerun the load.

ARS5462E   **The INPEXITNEW parameter must be Y or N.**

Explanation: The value specified for the INPEXITNEW parameter was invalid. Specify either Y or N. The default is N.

User response: Specify a value of Y or N for the INPEXITNEW parameter.

ARS5463E   **The INDEXSTYLE parameter is not valid.**

Explanation: The value specified for the INDEXSTYLE parameter is not valid. Valid values are DOC, PDOC, PAGE, NODX, and AFP. The default value is DOC.

User response: Specify a valid value for the INDEXSTYLE parameter.

ARS5464E **[TYPE=FLOAT] cannot be specified for TRIGGER1.**

Explanation: The TYPE=FLOAT datatype is not valid for TRIGGER1. Use 'TYPE=GROUP'.

User response: Use 'TYPE=GROUP' for TRIGGER1.

ARS5465E **An incorrect relative record number was entered for TRIGGER1.**

Explanation: The record number associated with the TRIGGER1 parameter was not an asterisk.

User response: Enter an asterisk ('*') for the record number for TRIGGER1.

ARS5466E **The length, *masklen*, of the mask value for field *field* does not equal the length *fieldlen*, specified for this field.**

Explanation: The length of the mask value and the field length value must be the same.

User response: Correct the mask value or the field length value, as appropriate.

ARS5467E **The length, *offlen*, of offset pair *pair* for field *field* does not equal the length, *fieldlen*, specified for this field.**

Explanation: The length of a begin-end pair, specified by the offset keyword of a field, does not match the length of the field. These lengths must be equal.

User response: Correct the offset start and end values so the length matches the field value length.

ARS5468E **Invalid channel command at record *linenum* of the input file.**

Explanation: An invalid machine code carriage return control character was found, and could not be converted to an ANSI carriage return control character.

User response: Correct the input data, and try the command again

ARS5469E **The MCC2NSI parameter must be Y or N.**

Explanation: The value specified for the MCC2ANSI parameter is invalid. Specify either Y or N. The default value is N.

User response: Specify either a Y or an N for the MCC2ANSI parameter, and then try the command again

ARS5470E **The AFPINDEXBUF parameter must have a value between 1 and 10000.**

Explanation: The value specified for the AFPINDEXBUF parameter was invalid. Specify a value between 1 and 10000. The default is 10.

User response: Specify a value between 1 and 10000 for the AFPINDEXBUF parameter.

ARS5471E **The following message was returned from the OS/390 indexer (ARSZSTDR error_message = msg_text).**

Explanation: See the message text.

User response: Review the message text. If necessary, correct the problem indicated by the message text. For more information on OS/390 indexer, see the OS/390 indexer reference section in Content Manager OnDemand for z/OS Indexing Reference.

ARS5472E **There were no indexing instructions in the indexing parameters. (ARSZSTDR returned 0 fields).**

Explanation: The indexing parameters did not include valid INDEX instructions. Field names are based on information in the INDEX instructions. No field names were found.

User response: Review the index parameters. Check for invalid or missing values. Correct and resubmit the command.

ARS5473E　　The internal function disk2mem received invalid parameters for either length (length) or offset (offset). (disk2mem invalid length=length or offset=offset).

Explanation:　An error occurred in the disk2mem function.

User response:　Check the z/OS console log and OnDemand server for additional information. Resubmit the command. If the problem persists, contact IBM Software Support.

ARS5474E　　The internal function mem2disk received invalid parameters for file mode (file_mode) and line (line). (mem2disk invalid fileMode file_mode, line=line).

Explanation:　An error occurred in the mem2disk function.

User response:　Check the z/OS console log and OnDemand server for additional information. Resubmit the command. If the problem persists, contact IBM Software Support.

ARS5475E　　The temporary files directory (directory) does not exist.

Explanation:　Various temporary internal files are used during the load process. These files are placed in the temporary files directory. This directory could not be found. It is specified through any of the following environment variables: ARS_HFS, ARSMVS_ARSLOAD_INDEX_DIR, ARS_TMP, TEMP or TMP. If none of these environment variables are set, the default temporary directory name is /tmp.

User response:　Create the directory and set the appropriate environment variable. Resubmit the command.

ARS5476E　　The OS/390 indexer failed with the specified return code. (Arsl390 rc = rc).

Explanation:　The report failed to load. See previous messages for additional information.

User response:　Check the CMOD system log for additional messages related to this problem. Correct the problem as indicated by the additional messages.

ARS5477E

　　　　The ArcADMIN_Field function failed with the specified return code while processing the specified fields and value.　(ArcADMIN_Field rc = rc, field = field, value = value)

Explanation:　The report failed to load. Review the field value with the application group field definition to be sure that they are compatible.

User response:　Correct the problems. If the problems persist, contact IBM Software Support.

ARS5478E　　A BEGIN RESOURCE GROUP (BRG) record was not found in the RESOURCE DD input.

Explanation:

User response:　Verify that the RESOURCE DD input contains BEGIN RESOURCE GROUP / END RESOURCE GROUPa pair (BRG/ERG).

ARS6000I

```
Usage: arsdoc add -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ([-i <sql_query> | -q <namedquery> |
 -o <filename>] [-f <foldername>] -a <name> (-g <name> |
 -G <name>) -n field1=value1 [-O][-S <startdate,enddate[,format]>]))
        Version:  version
        -a <name> Application Name
        -f <foldername> OnDemand folder          (required in parm file)
        -g <name> Application Group Name
        -h <hostname> OnDemand Hostname          (command line only)
        -i <sql_query> SQL query string
        -n <field1=value1> One or more database field names and values
        -o <filename> Data file name
```

                        -p <passwd> OnDemand User Login Password   (command line only)
                        -q <namedquery> Public named query
                        -u <userid> OnDemand User Login Name   (command line only)
                        -v Verbose   (command line only)
                        -F <parmfile> Requests parameter file   (command line only)
                        -G <name> Application Group Name
                        -O Database fields values are not required
                        -S <startdate,enddate[,format]> Segment date range
            Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6001I

            Usage: arsdoc update -h hostname [-u <userid>] [-p <passwd>] [-v]
             (-F <parmfile> | ((-i <sql_query> | -q <namedquery>)
             [-f <foldername>] (-g <name> | -G <name>) -n field1=value1
             [-S <startdate,enddate[,format]>]))
                        Version: *version*
                        -f <foldername> OnDemand folder   (required in parm file)
                        -g <name> Application Group Name
                        -h <hostname> OnDemand Hostname   (command line only)
                        -i <sql_query> SQL query string
                        -n <field1=value1> One or more database field names and values
                        -p <passwd> OnDemand User Login Password   (command line only)
                        -q <namedquery> Public named query
                        -u <userid> OnDemand User Login Name   (command line only)
                        -v Verbose   (command line only)
                        -F <parmfile> Requests parameter file   (command line only)
                        -G <name> Application Group Name
                        -S <startdate,enddate[,format]> Segment date range
            Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6002I

            Usage: arsdoc delete -h hostname [-u <userid>] [-p <passwd>] [-v]
             (-F <parmfile> | ((-i <sql_query> | -q <namedquery>)
             [-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))
                        Version: *version*
                        -f <foldername> OnDemand folder   (required in parm file)
                        -h <hostname> OnDemand Hostname   (command line only)
                        -i <sql_query> SQL query string
                        -p <passwd> OnDemand User Login Password   (command line only)
                        -q <namedquery> Public named query
                        -u <userid> OnDemand User Login Name   (command line only)
                        -v Verbose   (command line only)
                        -F <parmfile> Requests parameter file   (command line only)
                        -G <name> Application Group Name
                        -S <startdate,enddate[,format]> Segment date range
            Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6003I

> Usage: arsdoc get -h <hostname> [-u <userid>] [-p <passwd>] [-s] [-v]
> (-F <parmfile> | ((-i <sql_query> | -Q <sql_filename> |
> -q <namedquery> | -X <load_id>) [-x <load_id>] [-f <foldername>] [-G <name>]
> [-a] [-c] [-g] [-A <type>] [-N] [-n] [-o <filename>] [-d <dir>]
> [-L <max_docs>] [-S <startdate,enddate[,format]>]))
>> **Version:** *version*
>> -a Include resource group
>> -c Store documents in one file
>> -d <dir> Directory to store files
>> -f <foldername> OnDemand folder   (required in parm file)
>> -g Create generic indexer file
>> -h <hostname> OnDemand hostname   (command line only)
>> -i <sql_query> SQL query string
>> -n Do not use bulk retrieve
>> -o <filename> Output file name   (required in parm file)
>> -p <passwd> OnDemand User Login Password
>> -q <namedquery> Public named query
>> -s <seconds> Delay time between requests   (command line only)
>> -u <userid> OnDemand User Login Name
>> -x <load_id> LoadId to use for OnDemand
>> -v Verbose   (command line only)
>> -A <type> Retrieve annotations
>>   The values are additive.
>>   0 Include public text annotations
>>   1 Include private annotations
>>   2 Include annotations that cannot be copied to another server
>>   4 Include graphic annotations
>> -F <parmfile> Requests parameter file   (command line only)
>> -G <name> Application Group Name
>> -L <max_docs> Maximum documents to retrieve
>> -N Use Application group and application names in file name
>> -Q <sql_filename> SQL query strings file name
>> -S <startdate,enddate[,format]> Segment date range
>> -X <load_id> LoadId to use for OnDemand
> **Flags in a parameter file must be delimited by brackets EX: [-f foldername]**

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. Valid parameters are provided in the message. For more detailed information about this command, see the OnDemand *Administrator's Guide*.

ARS6004I

> Usage: arsdoc query -h hostname [-u <userid>] [-p <passwd>] [-v]
> (-F <parmfile> | ((-i <sql_query> | -q <namedquery> |
> -X <load_id>) [-x <load_id>] [-f <foldername>] [-G <name>]
> [-e <delim>] [-H] [-I] [-N <(field1)>][-n] [-o <filename>]
> [-d <dir>] [-L <max_hits>] [-S <startdate,enddate[,format]>]))
>> **Version:** *version*
>> -d <dir> Directory to write output file
>> -e <delim> separator between database values
>> -f <foldername> OnDemand folder   (required in parm file)
>> -h <hostname> OnDemand Hostname   (command line only)
>> -i <sql_query> SQL query string
>> -n Add line numbers in output file
>> -o <filename> Output file name   (required in parm file)
>> -p <passwd> OnDemand User Login Password
>> -q <namedquery> Public named query
>> -u <userid> OnDemand User Login Name

> -x <load_id> LoadId to use for OnDemand
> -v Verbose   (command line only)
> -F <parmfile> Requests parameter file   (command line only)
> -G <name> Application Group Name
> -D Append the document handle to each record in the file
> -H Build a header record
> -I Append the LoadId to each record in the file
> -L <max_hits> Maximum hits to process
> -N <(field1)> One or more database field names; defines order in file
> -S <startdate,enddate[,format]> Segment date range
> -X <load_id> LoadId to use for OnDemand
> Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6005I

> Usage: arsdoc print -h hostname [-u <userid>] [-p <passwd>] [-v]
> (-F <parmfile> | ((-i <sql_query> | -q <namedquery>)
> [-f <foldername>] [-G <name>] [-P <prtr>] [-L <max_docs>]
> [-S <startdate,enddate[,format]>]))
> > Version: *version*
> > -f <foldername> OnDemand folder   (required in parm file)
> > -h <hostname> OnDemand Hostname   (command line only)
> > -i <sql_query> SQL query string
> > -p <passwd> OnDemand User Login Password   (command line only)
> > -q <namedquery> Public named query
> > -u <userid> OnDemand User Login Name   (command line only)
> > -v Verbose   (command line only)
> > -F <parmfile> Requests parameter file   (command line only)
> > -G <name> Application Group Name
> > -L <max_docs> Maximum documents to retrieve
> > -P <prtr> System printer name
> > -S <startdate,enddate[,format]> Segment date range
> > Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6006E   **Unable to get folder information. The folder does not exist or the user does not have permission to access the folder.**

Explanation: The command failed when attempting to find the specified folder on the specified server.

User response: Verify that the folder exists on the server and that the user has permission to access the folder. Then resubmit the command.

ARS6007E   **The server failed during a search operation. View the System Log for additional messages.**

Explanation: The command failed when attempting a query for documents.

User response: Verify that the SQL string is a valid SQL query and that the database field names that are specified in the SQL string are valid. Then resubmit the command.

ARS6009E   A cancel request was received during a server request.

Explanation: An error occurred.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6010E   The server operation failed.

Explanation: The command failed when attempting a query or retrieval request.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6011E   The error occurred on line number *line_number*.

Explanation: The command failed with an error on the specified line number.

User response: See the Content Manager OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6012E   Unable to read parameter file '*file_name***'.**

Explanation: The command failed when attempting to read a record from the specified parameter file.

User response: Verify and correct the parameter file. Then resubmit the command.

ARS6013E   The host name or address must be provided to continue the operation.

Explanation: The host name or IP address was not provided on the command line.

User response: Resubmit the command with the **-h** parameter and the host name or IP address of the server.

ARS6014E   The folder name must be provided to continue the operation.

Explanation: The folder name was not provided.

User response: Resubmit the command with the **-f** parameter and the name of the folder.

ARS6015E   Printer '*printer_name***' was not found.**

Explanation: The specified printer was not found on the server.

User response: Verify that the printer exists on the server and that the user has permission to access the printer. Then resubmit the command.

ARS6016E   The output file name '*file_name***' exceeds a maximum length of** *length*.

Explanation: The number of characters in the output file name exceeds the maximum allowable length.

User response: Change the name of the output file so that the length of the file name does not exceed the maximum allowable length. Then resubmit the command.

ARS6017E   The user does not have authority to add documents.

Explanation: The application group document permissions for the user do not include the authority to add documents.

User response: Resubmit the command with a user ID that has permission to add documents or change the application group document permissions to include the authority to add documents and resubmit the command.

ARS6018E   **The user does not have authority to delete documents.**

Explanation: The application group document permissions for the user does not include the authority to delete documents.

User response: Resubmit the command with a user ID that has permission to delete documents or change the application group document permissions to include the authority to delete documents and resubmit the command.

ARS6019E   **The user does not have authority to update documents.**

Explanation: The application group document permissions for the user does not include the authority to update documents.

User response: Resubmit the command with a user ID that has permission to update documents or to change the application group document permissions to include the authority to update documents and resubmit the command.

ARS6020E   **The database field '**_database_name_**' was not found in the application group.**

Explanation: The database field name was not found in the application group.

User response: Verify that the name of the database field is the same as a database field in the application group. Then resubmit the command.

ARS6021E   **The application group name must be provided to continue the operation.**

Explanation: The application group name was not provided.

User response: Resubmit the command with a valid application group name.

ARS6022E   **Application group '**_applgrp_name_**' was not found in folder '**_folder_name_**'.**

Explanation: The specified application group was not found in the specified folder. Either the folder does not contain the application group, or the user does not have permission to access the application group.

User response: Verify that the application group can be searched from the folder and that the user has permission to access the application group. Then resubmit the command.

ARS6023E   **The -s flag can only be used when a parameter file name is provided using the -F flag.**

Explanation: The **-s** parameter specifies the amount of time to delay between requests to the server. The **-s** parameter is not applicable when only one request is sent to the server. All ARSDOC parameters are explained in the _Administration Guide_.

User response: Resubmit the command without the **-s** parameter.

ARS6024E   **The -N and -c flags must be specified when the -g flag is used.**

Explanation: The **-g** parameter, the **-N** parameter, and the **-c** parameter are used together to generate a generic index file and the output file. All ARSDOC parameters are explained in the _Administration Guide_.

User response: Resubmit the command with the **-g**, **-N**, and **-c** parameters.

ARS6025E   **The -c or -g flag cannot be used when an output file name contains database field names.**

Explanation: The output file name will be generated from the database field names. Documents must be written to separate files if this option is used. All ARSDOC parameters are explained in the _Administration Guide_.

User response: Resubmit the command without the **-c** or **-g** parameters.

ARS6026I   **arsdoc completed.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6027E   **The application name must be provided to continue the operation.**

Explanation: The application name was not specified.

User response: Resubmit the command with a valid application name.

ARS6028E   **Application '*appl_name*' was not found in application group '*applgrp_name*'.**

Explanation: The specified application was not found in the specified application group.

User response: Verify the names of the application and the application group. Verify that the application belongs to the application group. Then resubmit the command.

ARS6029E   **The syntax for the value of flag -n '*value*' is not valid. Valid syntax is 'dbfield=value'.**

Explanation: The value that was specified with the **-n** parameter did not have the correct syntax. The correct syntax is provided in the message, and all ARSDOC parameters are explained in the *Administration Guide*.

User response: Change the value of the **-n** parameter to the format `'dbfield=value'` and resubmit the command.

ARS6030E   **The -o flag and the -S flag cannot be used together.**

Explanation: A segment date cannot be specified if a data file name is specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with either the **-o** parameter or the **-S** parameter.

ARS6031E   **The -i flag or the -q flag cannot be specified when the -o flag is used.**

Explanation: An SQL query or a named query cannot be specified if a data file name is specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command without the **-i** and **-q** parameters.

ARS6032E   **At least one field=value pair must be provided to continue the operation.**

Explanation: A request was made to add or update a document but the field values for the document were not specified.

User response: Resubmit the command with at least one `field=value` pair.

ARS6033E   **An SQL query string (-i \"WHERE database_name = value\") must be provided to continue the operation.**

Explanation: An SQL query string was not provided.

User response: Resubmit the command with a valid SQL query string.

ARS6034W   **No hits were found that matched search criteria.**

Explanation: No documents matched the search criteria.

User response: Verify that this is the expected result. If it is not, submit the command with different search criteria.

ARS6035E   The named query '*named_query*', does not exist in folder '*folder_name*'.

Explanation: The specified named query was not found in the specified folder.

User response: Verify that the named query exists in the folder, that the named query is a public named query, and that the user has authority to view the named queries for the folder. Then resubmit the command.

ARS6036E   The -q flag and the -i flag cannot be used together.

Explanation: A named query and an SQL query string cannot be specified in the same command. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with either the **-q** parameter or the **-i** parameter.

ARS6037E   The -q flag and the -S flag cannot be used together.

Explanation: A segment date cannot be specified if a named query is specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command without the **-S** parameter.

ARS6038E   The syntax for the value of flag -S '*segment_dates*' is not valid. Valid syntax is segdate1,segdate2 or segdate1,segdate2,format.

Explanation: The value specified with the **-S** parameter is not valid. The dates might not match the format, or the specified format might be invalid. Valid date formats and all ARSDOC parameters are explained in the *Administration Guide*.

User response: Verify that the value is in the following format: `segdate1,segdate2,format` and that the date format is valid. Then resubmit the command.

ARS6039E   The only options that can be specified with the -F option are -u, -p, -h, and -v.

Explanation: The **-F** parameter was specified and one or more other parameters that are not valid on the command line were also specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with the correct parameters.

ARS6040E   The only options that can be specified with the -F option are -u, -p, -h, -s, and -v.

Explanation: The **-F** parameter was specified and one or more other parameters that are not valid on the command line were also specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with the correct parameters.

ARS6041E   The -o flag must be specified when using the -d flag.

Explanation: A directory name was provided without an output file name. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command without the **-d** parameter or with the **-d** and **-o** parameters.

ARS6043E   The -L, -n, and -N flags cannot be used when requesting only database field names.

Explanation: When requesting only the database field names, the **-L**, **-n**, and **-N** parameters cannot be specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command without the **-L**, **-n**, and **-N** parameters.

ARS6044E   **The output file name '***outfile_name***' and the directory path '***dir_path***' exceeds a maximum length of** ***path_size***.**

Explanation: The number of characters in the output file name and the directory exceeds the maximum allowable length.

User response: Change the file name or directory path so that the length of the file name does not exceed the maximum allowable length. Then resubmit the command.

ARS6045E   **The output file name '***file_name***' exceeds a maximum length of** ***length***.**

Explanation: The number of characters in the output file name exceeds the maximum allowable length.

User response: Change the file name so that the length of the file name does not exceed the maximum allowable length.

ARS6046E   **A value has not been provided for field '***field_name***'.**

Explanation: A value for the specified field is missing. By default, when adding a document, values must be provided for all fields. You can specify the **-O** parameter to indicate that some field values are optional, but you must always provide date and time fields. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with a value for the field or resubmit the command with the **-O** parameter.

ARS6047E   **Data is from application '***appl_name1***', application group '***applgrp_name1***' and must be from application '***appl_name2***', application group '***applgrp_name2***'.**

Explanation: An attempt was made to add a document that points to an existing document, but the two documents were not from the same application. When adding a document that points to an existing document, both documents must be in the same application. Application names must be unique within an application group, but multiple application groups can have similarly named applications. The specified applications must belong to the same application group.

User response: Determine whether the document or the application was misidentified. Then resubmit the command with documents that belong to the same application and application group.

ARS6048E   **The name of the system printer is required to continue the operation.**

Explanation: The system printer name is required but was not specified with the **-P** parameter. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with the **-P** parameter and specify the name of the system printer.

ARS6049E   **The -c flag must be specified when the -N flag is used.**

Explanation: Documents must be concatenated into one file when the **-N** parameter is specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with the **-c** parameter.

ARS6050E   **The -o flag must be specified when either the -c or -g flag is specified.**

Explanation: An output file name must be specified when the **-c** or **-g** parameters are specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command with the **-o** parameter.

ARS6052E   **The length of the delimiter is invalid. The delimiter can only be 1 character.**

Explanation: The value that was specified for the delimiter contains more than one character.

User response: Resubmit the command with a valid, one-character delimiter.

ARS6053E

> **The output filename format is invalid.**
> **Syntax is as follows. (Parentheses are required.)**
> **(ag_name1)(ag_name2)(ag_name3)**

Explanation: The output file name is not in the correct format. The correct format is shown in the message text.

User response: Resubmit the command with a valid output file name.

ARS6054E

> **The header format is invalid. Syntax is as follows (Parentheses are required):**
> **(ag_name1)(ag_name2)(ag_name3)**

Explanation: The header is not in the correct format. The correct format is shown in the message text.

User response: Resubmit the command with a valid header string.

ARS6055E   **A maximum of '**_max_hits_**' hits(s) were requested for this query. The number of matching hits found was '**_num_hits_**'.**

Explanation: The SQL query matched more items than the number requested.

User response: Change the SQL query string to match fewer items or increase the maximum number of items to return. Then resubmit the command.

ARS6056E   **Unable to retrieve resource group for '**_file_name_**'.**

Explanation: The command failed when attempting to retrieve a resource group.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6057E   **'LoadId could not be found'**

Explanation: The Content Manager OnDemand System Log was searched but the load ID could not be found.

User response: Resubmit the command with a valid load ID.

ARS6058E   **Invalid option '**_option_**'.**

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand _Administrator's Guide_.

User response: Resubmit the command with the correct parameters.

ARS6059W   **The number of hits returned has been limited to the maximum number of hits defined in the folder.**

Explanation: The folder has a limit on the number of items that can be returned, and the query exceeded the maximum limit.

User response: Verify that this is the expected result. If it is not, submit the command with different search criteria.

ARS6061I   **Querying for printers on server '**_server_name_**'...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6062I   Searching for folder '*folder_name*' ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6063I   Searching for documents in '*folder_name*' ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6064I   Deleting *num_documents* **documents**

Explanation: This message is for your information only.

User response: No action is required.

ARS6065I   Deleting document *document_name*

Explanation: This message is for your information only.

User response: No action is required.

ARS6066I   Waiting *seconds* **seconds** ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6067I   Sending *num_documents* **documents to printer** '*printer_name*' **on server** '*server_name*' ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6068I   Updating *num_documents* **documents with** *field_values*

Explanation: This message is for your information only.

User response: No action is required.

ARS6069I   Updating document *field_values_string* ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6070I   Adding document with fields: *field_values* ...

Explanation: This message is for your information only.

User response: No action is required.

ARS6071I   Writing *num_hits* **hits in file** '*file_name*'...

Explanation: This message is for your information only.

User response: No action is required.

ARS6072I   **Writing database field names in file '***file_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6073I   **Retrieving document for userid '***userid***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6080I   **Login successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS6081E   **Login unsuccessful**

Explanation: The command failed when attempting to log on to the server.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6082I   **Query successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS6083E   **Query unsuccessful**

Explanation: The command failed when attempting to query the database.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6084I   **Search successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS6085E   **Search unsuccessful**

Explanation: The command failed when attempting to query the database.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6086I   **Add successful**

Explanation: This message is for your information only.

User response: No action is required.

ARS6087E   Add unsuccessful

Explanation: The command failed when attempting to add a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6088I   Update successful

Explanation: This message is for your information only.

User response: No action is required.

ARS6089E   Update unsuccessful

Explanation: The command failed when attempting to update a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6090I   Delete successful

Explanation: This message is for your information only.

User response: No action is required.

ARS6091E   Delete unsuccessful

Explanation: The command failed when attempting to delete a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6092I   Write successful

Explanation: This message is for your information only.

User response: No action is required.

ARS6093E   Write unsuccessful

Explanation: The command failed when attempting to write a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6094I   Document successfully retrieved.

Explanation: This message is for your information only.

User response: No action is required.

ARS6095I   Document successfully retrieved and stored in file '*file_name***'**

Explanation: This message is for your information only.

User response: No action is required.

ARS6096E   Retrieve unsuccessful

Explanation: The command failed when attempting to retrieve a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6097I   Print request successful

Explanation: This message is for your information only.

User response: No action is required.

ARS6098E   Print request unsuccessful

Explanation: The command failed when attempting to print a document.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6099E   The folder field value of '*field_value*' is not valid for field '*field_name*'.

Explanation: The specified value is not valid for the specified folder field.

User response: Resubmit the command with a value that is valid for the folder field.

ARS6100E   The -f, -i, -q, -x, -Q, or -S flag cannot be used with the -X flag.

Explanation: An incorrect parameter was specified. All ARSDOC parameters are explained in the *Administration Guide*.

User response: Resubmit the command without the **-f**, **-i**, **-q**, **-x**, **-Q**, or **-S** parameters.

ARS6101E   Application group '*applgrp_name*' was not found on server '*server_name*'.

Explanation: The specified application group could not be found on the specified server.

User response: Verify the name of the application group and the name of the server. Verify that the application group exists on the server and that the user has permission to access it. Then resubmit the command.

ARS6102E   Unable to restore hit from record '*rec_number*' in file '*file_name*'.

Explanation: The record contains missing information or incorrect values and cannot be processed.

User response: Resubmit the command with a valid record.

ARS6107I   *hits_queried* document(s) have been queried. Retrieving *hits_retrieved* document(s).

Explanation: This message is for your information only.

User response: No action is required.

ARS6108I   Starting arsdoc. Version: *version*

Explanation: This message is for your information only.

User response: No action is required.

ARS6110I   **Writing generic indexer file(s).**

Explanation: This message is for your information only.

User response: No action is required.

ARS6111I   **Generic indexer file** *filename* **has been successfully created.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6112I   *numNotes* **annotations were written to file** *filename***.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6113E   **Unable to convert large object string** *string***.**

Explanation: A failure occurred when attempting to convert a large object string.

User response: See the other messages that were generated by the command, and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6114E   **Unable to initialize string conversion routines using code page** *codePage1* **and** *codePage2***.**

Explanation: A failure occurred when attempting to initialize the string conversion process.

User response: See the other messages that were generated by the command, and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6116E   **The -i, -q, -x, or -X flag cannot be used with the -Q flag.**

Explanation: An incorrect parameter was specified.

User response: Resubmit the command without the **-i**, **-q**, **-x**, or **-X** parameter.

ARS6117I   **Querying database with SQL string** *string***.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6118I   *numDocs* **document(s) have been queried.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6120E

Tokenized query string format failed at marker *position***, input value** *str_value:*
A type string is expected; the value must be enclosed in single quotes.

Explanation: A string value is not enclosed in single quotes. For example:

SQL string:

```
2;balance,name;777.77,A & A%';WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized query string format failed at marker (2), input value (A & A%'):
A type string is expected; the value must be enclosed in single quotes.
```

User response: Enclose the string value in single quotes and resubmit the command.

ARS6121W

> **Tokenized query string format warning: non-numeric value was found at marker** *position,* **input value** *str_value:* **A numeric value is expected.**

Explanation: An invalid numeric value was specified. For example:

SQL string:

```
2;balance,name;777.77abc,'A & A%';WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized query string format warning: non-numeric value was found at marker (1), input value (777.77abc):
A numeric value is expected.
```

User response: Check that the value is numeric and resubmit the command.

ARS6122E

> **Tokenized query string format failed:**
> **The number of parameter markers (***numMarkers***) is not equal to the number of parameter names (***numNames***).**

Explanation: The number of parameters is not the same as the number of parameter names. For example:

SQL string:

```
3;balance,name;777.77,'A & A%';WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized query string format failed:
The number of parameter markers (3) is not equal to the number of parameter names (2).
```

User response: Resubmit the command with a valid SQL query string.

ARS6123E

> **Tokenized query string format failed:**
> **Missing parameter values; the number of parameter markers was specified as (***numMarkers***).**

Explanation: Fewer parameter values were specified than were expected. For example:

SQL string:

```
2;balance,name;777.77;WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized query string format failed:
Missing parameter values; the number of parameter markers was specified as (2).
```

Note: If more parameter values are specified than are expected, OnDemand will map the parameter names and values from left to right, and discard the extra value (or values).

User response: Correct the number of values in the parameter value string and resubmit the command.

ARS6124I

> **Usage: arsdoc load hold_add -h hostname [-u <userid>] [-p <passwd>] [-U <user_alias>] [-v]**
> **(-F <parmfile> | ((-i <sql_query> | -q <namedquery> | -X <load_ID>) -l <holdname>**
> **[-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))**
>
> > **Version:** *version*

-f <foldername> OnDemand folder (required in parm file)
-h <hostname> OnDemand Hostname (command line only)
-i <sql_query> SQL query string
-l <holdname> OnDemand hold
-p <passwd> OnDemand User Login Password (command line only)
-q <namedquery> Public named query
-u <userid> OnDemand User Login Name (command line only)
-v Verbose (command line only)
-F <parmfile> Requests parameter file (command line only)
-G <name> Application Group Name
-S <startdate,enddate[,format]> Segment date range
-U <user_alias> User alias that appears in System Log messages
-X <load_ID> LoadId to use for OnDemand Flags in a parameter file must be
   delimited by brackets

Explanation: The arsdoc command contains an incorrect parameter.

User response: The message response outlines the valid parameters for this command. See the Content Manager OnDemand Administration Guide for more information. Verify and correct the command parameters and resubmit the command.

ARS6125E

Tokenized query string format failed:
Invalid database field name (*fName*) found at (*position*) in the parameter name string.

Explanation: The parameter name is not a database field name. For example:

SQL string:

```
2;balance,name_abc;777.77,'A & A%';WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized query string format failed:
Invalid database field name (name_abc) found at (2) in the parameter name string.
```

User response: Correct the spelling of the parameter name and resubmit the command.

ARS6126E

Tokenized document query, binding parameter failed, rc = *returnCode*.
Bind parameter marker position (*colPosition*) with variable value (sqlData).

Explanation: Binding the program variable to the parameter marker failed. The SQL string is valid, but an internal error occurred (possibly, an incorrect mapping between the parameter name and its value). For example:

SQL string:

```
2;balance,name_abc;777.77,'A & A%';WHERE balance = ? AND name LIKE ?
```

System log message:

```
Tokenized document query, binding parameter failed, rc = 6.
Bind parameter marker position (0) with variable value (777.770000).
```

User response: Contact your IBM Service Representative.

ARS6144E The Common Store API cannot read the file (file_name) starting from offset position
(offset_position) for a length of (length_position): file_name (ERRNO = err_no)

Explanation: The Common Store API failed when attempting to read the file.

User response: Verify and correct the offset and length values for the file.

ARS6145E   The command is unable to write to the file: file_name (ERRNO = err_no)

Explanation: The command failed when attempting to write to the file.

User response: See your operating platform documentation for more information on the ERRNO. Verify that the location for the file contains sufficient free space to write to the file. Resubmit the command.

ARS6146E   The directory dirpath does not exist or cannot be accessed. file_name (ERRNO = err_no)

Explanation: The specified directory does not exist on the server or can not be accessed.

User response: See your operating platform documentation for more information on the ERRNO. Verify that the directory exists and that the user has access to the directory and resubmit the command.f

---

ARS6147E   Full Text Search is not supported on server '*server_name*'.

Explanation: The server does not support Full Text Search.

User response: Resubmit the command with a server name that supports Full Text Search.

ARS6148I

```
Usage: arsdoc fti_add -h hostname [-u <userid>] [-p <passwd>] [-U <user_alias>] [-v]
   (-F <parmfile> | ((-i <sql_query> | -q <namedquery> | -t <search_str> | -T <search_str> | -X <load_id>)
   -l <holdname> [-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))
Version:  version
-f <foldername> OnDemand folder          (required in parm file)
-h <hostname> OnDemand Hostname           (command line only)
-i <sql_query> SQL query string
-l <holdname> OnDemand hold
-p <passwd> OnDemand User Login Password (command line only)
-q <namedquery> Public named query
-t <search_string> Server text search
-u <userid> OnDemand User Login Name      (command line only)
-v Verbose                                (command line only)
-F <parmfile> Requests parameter file     (command line only)
-G <name> Application Group Name
-S <startdate,enddate[,format]> Segment date range
-T <search_string> Full text search
-U <user_alias> User alias that appears in System Log messages
-X <load_id> LoadId to use for OnDemand
Flags in a parameter file must be delimited by brackets EX: [-f foldername]
```

Explanation: The arsdoc command contains an incorrect parameter.

User response: The message text lists the valid parameters for this command. For more information, see the Content Manager OnDemand Administration Guide. Verify and correct the command parameters and resubmit the command.

ARS6149I

```
Usage: arsdoc fti_release -h hostname [-u <userid>] [-p <passwd>] [-U <user_alias>] [-v]
   (-F <parmfile> | ((-i <sql_query> | -q <namedquery> | -t <search_str> | -T <search_str> | -X <load_id>)
   -l <holdname> [-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))
Version:  version
-f <foldername> OnDemand folder          (required in parm file)
-h <hostname> OnDemand Hostname           (command line only)
-i <sql_query> SQL query string
-l <holdname> OnDemand hold
-p <passwd> OnDemand User Login Password (command line only)
-q <namedquery> Public named query
-t <search_string> Server text search
-u <userid> OnDemand User Login Name      (command line only)
```

-v Verbose   (command line only)
-F \<parmfile\> Requests parameter file   (command line only)
-G \<name\> Application Group Name
-S \<startdate,enddate[,format]\> Segment date range
-T \<search_string\> Full text search
-U \<user_alias\> User alias that appears in System Log messages
-X \<load_id\> LoadId to use for OnDemand
Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, see the OnDemand Administration Guide.

ARS6150I   Full Text Index add was successful.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6151E   Full Text Index add was unsuccessful.

Explanation: The command failed when attempting to add a document to the Full Text Index.

User response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Software Support.

ARS6152I   Adding *num_documents* documents to Full Text Index.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6153I   Releasing *num_documents* documents from Full Text Index.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6154I   Full Text index release was successful.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6155E   Full Text Index release was unsuccessful.

Explanation: The command failed when attempting to release a document from the Full Text Index.

User response: For more information, see the other messages that were generated by the command and additional messages in the OnDemand System Log. If the problem persists, contact IBM Software Support.

ARS6156I

Usage: arsdoc cmfed_add -h hostname [-u \<userid\>] [-p \<passwd\>] [-U \<user_alias\>] [-v]
    (-F \<parmfile\> | ((-i \<sql_query\> | -q \<namedquery\> | -t \<search_str\> | -T \<search_str\> | -X \<load_id\>)
    -l \<holdname\> [-f \<foldername\>] [-G \<name\>] [-S \<startdate,enddate[,format]\>]))
Version: *version*
-f \<foldername\> OnDemand folder   (required in parm file)
-h \<hostname\> OnDemand Hostname   (command line only)
-i \<sql_query\> SQL query string
-l \<holdname\> OnDemand hold
-p \<passwd\> OnDemand User Login Password (command line only)
-q \<namedquery\> Public named query

-t <search_string> Server text search
-u <userid> OnDemand User Login Name   (command line only)
-v Verbose   (command line only)
-F <parmfile> Requests parameter file   (command line only)
-G <name> Application Group Name
-S <startdate,enddate[,format]> Segment date range
-T <search_string> Full text search
-U <user_alias> User alias that appears in System Log messages
-X <load_id> LoadId to use for OnDemand
Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, see the OnDemand Administration Guide.

ARS6157I

Usage: arsdoc cmfed_release -h hostname [-u <userid>] [-p <passwd>] [-U <user_alias>] [-v]
   (-F <parmfile> | ((-i <sql_query> | -q <namedquery> | -t <search_str> | -T <search_str> | -X <load_id>)
   -l <holdname> [-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))
Version: *version*
-f <foldername> OnDemand folder   (required in parm file)
-h <hostname> OnDemand Hostname   (command line only)
-i <sql_query> SQL query string
-l <holdname> OnDemand hold
-p <passwd> OnDemand User Login Password (command line only)
-q <namedquery> Public named query
-t <search_string> Server text search
-u <userid> OnDemand User Login Name   (command line only)
-v Verbose   (command line only)
-F <parmfile> Requests parameter file   (command line only)
-G <name> Application Group Name
-S <startdate,enddate[,format]> Segment date range
-T <search_string> Full text search
-U <user_alias> User alias that appears in System Log messages
-X <load_id> LoadId to use for OnDemand
Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, see the OnDemand Administration Guide.

ARS6158I   CMFed add was successful.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6159E   CMFed add was unsuccessful.

Explanation: The command failed when attempting to add a document to CMFed.

User response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact IBM Software Support.

ARS6160I   Adding *num_documents* **documents to CMFed.**

Explanation: This message is for informational purposes only.

User response: No action is required.

| **ARS6161I**   **Releasing** *num_documents* **documents from CMFed.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS6162I**   **CMFed release was successful.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS6163E**   **CMFed release was unsuccessful.**

| **Explanation:** The command failed when attempting to release a document from CMFed.

| **User response:** For more information, see the other messages that were generated by the command and additional
| messages in the OnDemand System Log. If the problem persists, contact your IBM Service Representative.

| **ARS6164E**   **CMFed is not supported on server '***server_name***'.**

| **Explanation:** The server does not support Full Text Search.

| **User response:** Resubmit the command with a server name that supports CMFed.

| **ARS6165I**   *version*

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

ARS6500I

```
Usage: arsadm user -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ([-a <action>] [-d <desc>] [-e <expire_date>]
 [-f <format>] [-g <[+-]group1>] -i <userid> [-s <time_out>]
 [-t <type>] [-w <passwd>] [-A <account>] [-B <bldg>]
 [-C <company>] [-D <dept>] [-G <cover_page>] [-L <dflt_prtr>]
 [-N <name>] [-P <phone_no>] [-R <room>] [-T <title>]
 [-U <uid>] [-X <fax_no>] [-E <email>] [-1 <addr1>]
 [-2 <addr2>] [-3 <addr3>] [-4 <addr4>]))
        Version:   version
        -a <action>
           a Add user
           d Delete user
           u Update user
        -d <desc> Description
        -e <expire_date> Date used to delete users
        -f <format> Format of date string
        -g <[+-]group1> list of userids separated by spaces
           + add user to group
           - remove user from group on update
        -h <hostname> OnDemand Hostname          (command line only)
        -i <userid> New or existing userid
        -p <passwd> OnDemand User Login Password  (command line only)
        -s <time_out> Inactivity Time out
        -t <type>
           a Create appl/appl grps
           b Create appl/appl grps & folders
           c Create users
           d Appl group/folder administrator
           e Create groups
```

          f Create folders
          g User administrator
          s System administrator
          u User
     -u <userid> OnDemand User Login Name   (command line only)
     -v Verbose   (command line only)
     -w <passwd> Password of user being processed
     -A <account> Account information
     -B <bldg> Building
     -C <company> Company
     -D <dept> Department
     -E <email> E-Mail Address
     -F <parmfile> Requests parameter file   (command line only)
     -G <cover_page> Cover page
     -L <dflt_prtr> Default printer
     -N <name> Name
     -P <phone_no> Phone number
     -R <room> Room
     -T <title> Title
     -U <uid> UID
     -X <fax_no> Fax number
     -1 <addr1> Address line 1
     -2 <addr2> Address line 2
     -3 <addr3> Address line 3
     -4 <addr4> Address line 4
  Flags in a parameter file must be delimited by brackets EX: [-i userid]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6501I

  Usage: arsadm group -h hostname [-u <userid>] [-p <passwd>] [-v]
  (-F <parmfile> | ([-a <action>] [-d <desc>] -g <groupname>
  [-i <[+-]user1>] [-o <owner>] [-G <gid>]))
     Version: *version*
     -a <action>
       a Add group
       d Delete group
       u Update group
     -d <desc> Description
     -g <groupname> New or existing group name
     -h <hostname> OnDemand Hostname   (command line only)
     -i <[+-]user1> list of userids separated by spaces
       + add user to group
       - remove user from group on update
     -o <owner> Userid or Group name that owns the group
     -p <passwd> OnDemand User Login Password (command line only)
     -u <userid> OnDemand User Login Name   (command line only)
     -v Verbose   (command line only)
     -F <parmfile> Requests parameter file   (command line only)
     -G <gid> GID
  Flags in a parameter file must be delimited by brackets EX: [-g groupname]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6502I

> Usage: arsadm printer -h hostname [-u <userid>] [-p <passwd>] [-v]
> (-F <parmfile> | ([-a <action>] [-d <desc>] -n <printername>
> -q <queue> [-t <type>]))
> >   Version: *version*
> >   -a <action>
> >   a Add printer
> >   d Delete printer
> >   u Update printer
> >   -d <desc> Description
> >   -h <hostname> OnDemand Hostname   (command line only)
> >   -n <printername> New or existing printer name
> >   -p <passwd> OnDemand User Login Password (command line only)
> >   -q <queue> Name of PSF printer queue
> >   -t <type>
> >   p Printer
> >   f Fax
> >   i Printer with information
> >   -u <userid> OnDemand User Login Name   (command line only)
> >   -v Verbose   (command line only)
> >   -F <parmfile> Requests parameter file   (command line only)
> >   Flags in a parameter file must be delimited by brackets EX: [-n printername]

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6503E   The server failed while attempting to get user information.

Explanation: The command failed when attempting to get user information from the server.

User response: See the other messages that the command generated and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6504E   The server failed while attempting to get group information.

Explanation: The command failed when attempting to get group information from the server.

User response: See the other messages that the command generated and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6505E   The server failed while attempting to get printer information.

Explanation: The command failed when attempting to get printer information from the server.

User response: See the other messages that the command generated and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6524E   Userid '*userid*' does not exist.

Explanation: The specified user ID could not be found on the server.

User response: Verify that the user ID exists on the server. Then resubmit the command.

ARS6525E   Group name '*group_name*' does not exist.

Explanation: The specified group name could not be found on the server.

User response: Verify the name of the group and that the group exists on the server. Then resubmit the command.

ARS6538I   **Querying for user '***userid***' on server '***server_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6539I   **Querying for group '***group_name***' on server '***server_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6700I

```
Usage: arsexprt -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ([-c] [-e <user_group_list>] -i <import_userid>
 -s <import_srvr> -t <type> -w <import_passwd> -N <name>))
        Version:  version
        -c Ignore warnings
        -e <user_group_list> List of users and groups to exclude permissions
           (e.g. -e \"user1 +group1 user2 +group2\")
           (group names must be preceded by the plus sign)
        -h <hostname> OnDemand Hostname            (command line only)
        -i <import_userid> Import server login userid
        -p <passwd> OnDemand User Login Password  (command line only)
        -s <import_srvr> Server where object will be added
        -t <type>
           u User
           g Group
           a Application group
           s Storage set
           f Folder
           p Printer
        -u <userid> OnDemand User Login Name        (command line only)
        -w <import_passwd> Import server login passwd
        -v Verbose                                (command line only)
        -F <parmfile> Requests parameter file     (command line only)
        -N <name> Name of object to export
Flags in a parameter file must be delimited by brackets EX: [-u userid]
```

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS6703E   **The name of the exported item must be provided to continue the operation.**

Explanation: The name is missing from the request.

User response: Resubmit the command with the name of the item to be exported.

ARS6707I   **The server operation failed with an 'Unknown' return code.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS6708I   **arsexprt completed.**

Explanation: This message is for your information only.

User response: No action is required.

ARS6712E   **The only options that can be specified with the -F option are -u, -p, -h, -c, -v, -i, -s, and -w.**

Explanation: One or more parameters that are not valid with the **-F** parameter were specified.

User response: Resubmit the command with the correct parameters.

ARS6720E   **'*name*' was not found on the '*server_name*' server.**

Explanation: The specified name could not be found on the specified server.

User response: Verify that the object exists on the server and that the user has the authority to access the object. Then resubmit the command.

ARS6815E   **The import userid must be provided to continue the operation.**

Explanation: The user ID for the target server was not specified.

User response: Resubmit the command with a user ID for the target server.

ARS6816E   **The import password must be provided to continue the operation.**

Explanation: The password for the target server was not specified.

User response: Resubmit the command with a password for the target server.

ARS6817E   **The import host name must be provided to continue the operation.**

Explanation: The host name of the target server was not specified.

User response: Resubmit the command with the host name of the target server.

ARS6819E   **The export type must be provided to continue the operation.**

Explanation: The type of export to perform was not specified.

User response: Resubmit the command with the type of export to perform.

ARS6822I   **Attempting login for userid '*userid*' on server '*server_name*' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6825I   **Processing** *object* **...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6826I   **Querying for users on server '*server_name*'...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6827E   **A user or group with id '*id*' could not be found on server '*server_name*'.**

Explanation: The UID of the user ID or the GID of the group could not be found on the specified server.

User response: Verify the user ID and the name of the group and the name of the server and resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6828I   **Querying for groups on server '***server_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6829I   **Querying for storage sets on server '***server_name***'...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6830E   **'***name***' already exists on server '***server_name***'.**

Explanation: The specified object already exists on the specified server.

User response: Resubmit the command with a different object name.

ARS6831E   **The server failed while adding a storage set.**

Explanation: The command failed when attempting to add a storage set.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6832E   **The server failed while adding a storage node to a storage set.**

Explanation: The command failed when attempting to add a storage node to a storage set.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6833E   **The server host names must be different to continue the operation.**

Explanation: The source server name and the target server name are the same.

User response: Resubmit the command and specify a name for the source server that is different than the name of the target server.

ARS6834E   **Unable to identify the name of the default printer.**

Explanation: The name of the default printer cannot be determined.

User response: Verify that the user has access to the printer so that the printer name can be determined. Then resubmit the command.

ARS6835E   **The application group '***applgrp_name***' does not exist or the user does not have permission to access the application group.**

Explanation: The specified application group could not be found on the server or the user does not have permission to access the application group.

User response: Verify the name of the application group and that the application group exists on the server. Verify that the user has permission to access the application group. Then resubmit the command.

ARS6836I   **Querying for application group '***applgrp_name***' on server '***server_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6837E   **A storage set with id '***sid***' could not be found on server '***server_name***'.**

Explanation: The command failed because a storage set could not be found on the specified server.

User response: Verify the name and ID of the storage set and the name of the server. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6838E   **A printer with id '***pid***' could not be found on server '***server_name***'.**

Explanation: The command failed because a printer could not be found on the specified server.

User response: Verify the name and ID of the printer and the name of the server. Verify that the user ID performing the export has permission to see the printer. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6839I   **Querying for folder '***folder_name***' on server '***server_name***' ...**

Explanation: This message is for your information only.

User response: No action is required.

ARS6840E   **The folder '***folder_name***' does not exist or the user does not have permission to access the folder.**

Explanation: The command failed because the specified folder could not be found on the server.

User response: Verify the name of the folder and that the folder exists on the server. Verify that the user has permission to access the folder. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6841E   **The server failed while deleting a storage set.**

Explanation: The server operation failed when attempting to delete a storage set.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6842E   **The server failed while updating a storage set.**

Explanation: The server operation failed when attempting to update a storage set.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6843E   **The server failed while deleting a storage node from a storage set.**

Explanation: The server operation failed when attempting to delete a node from a storage set.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6844E   **The server failed while updating a storage node in a storage set.**

Explanation: The server operation failed when attempting to update a storage node.

User response: See the other messages that were generated by the command and see messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS7000I

> Usage: arsmdmgr -h hostname [-u <userid>] [-p <passwd>] [-v]
> [-c <out_dir>] -d <in_dir> [-e <delim>] [-f <foldername>]
> [-l] -m <min_nbr> [-n <nbr_drives>] [-t <seconds>] [-F <ext>]
> -T <max_wait_time> [-r] [-H] [-I]
>> Version: *version*
>> -c <out_dir> Output directory
>> -d <in_dir> Input directory
>> -e <delim> Character separator between index values
>> -f <foldername> OnDemand folder
>> -h <hostname> OnDemand Hostname
>> -l Write messages to log file
>> -m <min_nbr> Minimum # of entries present before retrieval begins
>> -n <nbr_drives> Maximum # of drives per OnDemand Object server
>> -p <passwd> OnDemand User Login Password
>> -r Perform reconciliation processing
>> -t <seconds> # of seconds to wait before looking for requests
>> -u <userid> OnDemand User Login Name
>> -v Verbose
>> -F <ext> File extension of the input parameter files
>> -H Request file is in hit list format
>> -I Write hits to a file
>> -R <name> Request file name
>> -T <max_wait_time> # of seconds to wait before processing a request

Explanation: An incorrect parameter was specified for the command. The valid parameters are given in the message and are explained in the OnDemand *Administrator's Guide*.

User response: Resubmit the command with the correct parameters.

ARS7001I   arsmdmgr completed.

Explanation: This message is for your information only.

User response: No action is required.

ARS7002E   The input directory must be provided to continue the operation.

Explanation: The input directory was not specified.

User response: Resubmit the command with a valid input directory.

ARS7003E   The directory '*dirpath*' does not exist or cannot be accessed.

Explanation: The specified directory could not be found or accessed.

User response: Verify that the directory exists and that the user has access to the directory. Then resubmit the command.

ARS7004E   The minimum number of requests to process must be provided to continue the operation.

Explanation: The minimum number of requests to process was not specified.

User response: Resubmit the command with the minimum number of requests to process.

ARS7005E   The maximum amount of time to wait to process a request must be provided to continue the operation.

Explanation: The maximum amount of time to wait was not specified.

User response: Resubmit the command with the maximum amount of time to wait.

ARS7006E   The folder field value of '*field_value*' is not valid for field '*field_name*' in request '*request_identifier*'.

Explanation: The specified value is not valid for the specified field.

User response: Resubmit the command with a valid value for the field.

ARS7008E   The file doesn't contain any records.

Explanation: The request file does not contain any records.

User response: Resubmit the command with a file that contains request records.

ARS7009E   Unable to submit requests with command '*command*'.

Explanation: The specified command failed.

User response: Verify that the environment variable ARS_MEDMGR is set correctly and that the command exists on the system. Then resubmit the command.

ARS7010I   The -d, -F, -I, -n, -m, -r, -t, and -T flags are being ignored in this session.

Explanation: This message is for your information only.

User response: No action is required.

ARS7011I   Logging off the server.

Explanation: This message is for your information only.

User response: No action is required.

ARS7012I   File '*file_name*' renamed to '*file_name_new*'.

Explanation: This message is for your information only.

User response: No action is required.

ARS7013I   Building hit list for '*folder_name*' ...

Explanation: This message is for your information only.

User response: No action is required.

ARS7014I   Hit list successful

Explanation: This message is for your information only.

User response: No action is required.

ARS7015E   Hit list unsuccessful

Explanation: The command failed when attempting to generate the document list.

User response: See the other messages that were generated by the command and see additional messages in the Content Manager OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS7016E   The -r flag and the -H flag cannot be used together.

Explanation: Reconciliation processing (**-r**) cannot be performed when the request file is in hit list format (**-H**).

User response: Resubmit the command with either the **-r** parameter or the **-H** parameter.

ARS7100I

> Usage: arsafpd [-d [-t] [-w] | -s] -i <file>
> Version: *version*
> -d Display of AFP structured fields
> -i <in_file> Input filename
> -s Document sniffer
> -t Process structure field triplets (only for -d)
> -w Disable warning messages (only for -d)

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS7101W   Warning: Structured field length was incorrect, attempting to continue...

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7102W   Warning: Prefix length does not match the structured field length, attempting to continue...

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7103E   Invalid structured field header.

Explanation: The AFP data contains an invalid structured field header.

User response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS7104I   Document type: *doc_type*.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7105W   Warning: No TLE structured fields found for this group.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7106W   Warning: No group TLE structured fields were encountered.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7107I   Group TLE structured fields were encountered.

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS7108I   AFP structured fields were encountered; however, the file might be mixed mode (AFP and line data) or be invalid AFP.

Explanation: This message is for informational purposes only.

User response: No action is required.

| **ARS7109I**   **File contains a two byte prefix before each record.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7110I**   **Carriage control type appears to be:** *type*.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7111I**   **Pages appear to be delimited with a formfeed (0x0C). If using ACIF, the asciinp and asciinpe user**
| **exit might be required.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7112W**   **Warning: The last record does not contain the delimiter character(s).**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7113I**   **Records appear to be fixed length:** *number_of_bytes*.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7114I**   **Records appear to be delimited by hex character(s):** *hex_character*.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7115I**   **Codepage appears to be:** *code_page_number*.

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7116W**   **Warning: No page information was encountered.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

ARS7514E   **Unable to delete the storage set. The storage set contains application groups.**

Explanation: The command failed when attempting to delete the storage set because one or more application groups are assigned to the storage set. A storage set cannot be deleted if one or more application groups are assigned to the storage set.

User response: Delete the application groups that are assigned to the storage set. Then resubmit the command to delete the storage set.

ARS7525E   **Node information must be specified when updating a storage node.**

Explanation: Information that is required to update a storage node was not specified.

User response: Resubmit the command with the required storage node information.

ARS7526E   One primary node on each server must be identified as the node where data will be loaded.

Explanation: You must specify a primary node on which to load data. If you are loading data on multiple servers, you must specify the primary node for each one.

User response: For each server, set the load data option on the primary node to which data will be loaded.

ARS7527E   More than one primary node on server '*server_name*' has been identified as the node where data will be loaded.

Explanation: More than one primary node on a server was identified as the node to which data will be loaded.

User response: Set the load data option on only one primary node on each server.

ARS7528E   More than one node has been identified as the node where data will be loaded.

Explanation: When the load type is fixed, only one storage node can be identified as the node to which data will be loaded.

User response: Set the load data option on only one storage node in the storage set.

ARS7529E   The storage node password must be at least one non-blank character.

Explanation: The storage node password was blank.

User response: Resubmit the command with a valid storage node password.

ARS7530E   The storage node host name cannot be all blank characters.

Explanation: The host name contains all blank characters.

User response: Resubmit the command with a valid host name.

ARS7531I   Adding node '*node_name*' in storage set '*set_name*' ...

Explanation: The specified node is being added to the specified storage set. This message is for your information only.

User response: No action is required.

ARS7532I   Deleting node '*node_name*' in storage set '*set_name*' ...

Explanation: The specified node is being deleted from the specified storage set. This message is for your information only.

User response: No action is required.

ARS7533I   Updating node '*node_name*' in storage set '*set_name*' ...

Explanation: The specified node is being updated in the specified storage set. This message is for your information only.

User response: No action is required.

ARS7571E   Storage set '%1' was not found.

Explanation: The specified storage set does not exist on the server.

User response: Verify the name of the storage set and that the storage set exists on the server. Correct the Batch Admin input XML file and resubmit the command.

ARS7572E **Storage node '%1' was not found.**

Explanation: The specified storage node does not exist on the server.

User response: Verify the name of the storage node and that the storage node exists on the server. Correct the Batch Admin input XML file and resubmit the command.

ARS7700I

> **Usage: arsxml add|update|delete|export|validate [options]**
> **Version:** *None*

Explanation: This message displays the syntax of the arsxml command.

User response: No action is required.

ARS7701I

> **Usage: arsxml export [options]**
> **Version:** *None*
> **-h <hostname> Host Name (required)**
> **-u <username> OnDemand User Name for logging in**
> **-p <password> Password for the specified User Name**
> **-e <err> Error Handling Value (default is 'a')**
>   **a Stop processing if an error is encountered.**
>   **c Continue processing if an error is encountered.**
> **-r <ext> Export Extent Value (can be specified more than once)**
>   **a When exporting an application group, also export the**
>   **applications contained within the application group.**
>   **d Export Dependent Objects**
>   **p Export Permissions**
>   **l Export Logical Views**
> **-d <directory> Directory for the input XML File**
> **-i <file> Input XML File**
> **-y <directory> Directory for the output XML File**
> **-o <file> Output XML File**
> **-s <directory> Directory for the schema file location**
> **-w <encode> Output XML File encoding value (default is 'UTF-8')**
> **-x Disable Prompting**
> **-v Enable Verbose Mode**

Explanation: This message displays the syntax of the arsxml export command.

User response: No action is required.

ARS7702I

> **Usage: arsxml add|update|delete [options]**
> **Version:** *None*
> **-h <hostname> Host Name (required)**
> **-u <username> OnDemand User Name for logging in**
> **-p <password> Password for the specified User Name**
> **-d <directory> Directory for the input XML File**
> **-i <file> Input XML File (required)**
> **-e <err> Error Handling Value (default is 'a')**
>   **a Stop processing if an error is encountered.**
>   **c Continue processing if an error is encountered.**
>   **u If an object already exists, then update it instead of add.**
> **-x Disable Prompting**
> **-v Enable Verbose Mode**

Explanation: This message displays the syntax of the arsxml add, update, and delete command.

| **User response:** No action is required.

| **ARS7705I** **No input file was specified. Do you want to export all of the objects on the system? (Y/N)**

| **Explanation:** This message asks the user if they want to continue.

| **User response:** No action is required.

| **ARS7706I** **Export process stopped at the user's request.**

| **Explanation:** This message is displayed if the user replies negatively to message 7705.

| **User response:** No action is required.

| **ARS7707I**

| **The** *objectType* **object named '** *objectName***' is about to be deleted.**
| **Do you want to delete this object? (Y/N)**

| **Explanation:** The command prompts for a confirmation before deleting an object.

| **User response:** No action is required.

| **ARS7708I** **Delete stopped at the user's request.**

| **Explanation:** This message is displayed if the user replies negatively to message 7707.

| **User response:** No action is required.

| **ARS7709I** **Adding** *objectName* **object of** *objectType* **type.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7710I** **Updating** *objectName* **object of** *objectType* **type.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7711I** **Deleting** *objectName* **object of** *objectType* **type.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7712I** **Exporting** *objectName* **object of** *objectType* **type.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| **ARS7713I** **Add of** *objectName* **object of** *objectType* **type was successful.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7714I   Update of *objectName* **object of** *objectType* **type was successful.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7715I   Delete of *objectName* **object of** *objectType* **type was successful.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7716I   Export of *objectName* **object of** *objectType* **type was successful.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7745E   The *objectType* **object named '** *name*' **cannot have more than** *number objectType* **objects.**

| **Explanation:** The number of child objects has exceeded allowable limit.

| **User response:** No action is required.

| ARS7761I   Add of *objectName* **object of** *objectType* **type failed.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7762I   Update of *objectName* **object of** *objectType* **type failed.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7763I   Delete of *objectName* **object of** *objectType* **type failed.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7764I   Export of the *objectName* **object of** *objectType* **type failed.**

| **Explanation:** This message is for informational purposes only.

| **User response:** No action is required.

| ARS7765E   The value, '*attrValue*'**, is not valid for the** *attrName* **attribute of the** *objectType* **object.**

| **Explanation:** An invalid value was specified for the attribute.

| **User response:** Update the XML file with a valid value for the attribute.

| **ARS7766E**

| **The** *objectName* **object of** *objectType* **type is about to be deleted.**
| **Warning: Data previously loaded in the application cannot be retrieved or viewed if the application is deleted**
| **Do you want to delete this object? (Y/N)**

| **Explanation:** The command prompts for a confirmation before deleting an application

| **User response:** Type a Y or an N to confirm or reject the delete of the application.

| **ARS7767E** | **The folder field object requires zero or** *numberOfMappings* **mappings to the application group** *appGroupName* **when the mappingType is set to '** *mappingType*'.

Explanation: The wrong number of mappings was specified for a folder field.

User response: Update the XML file to contain the correct number of mappings.

| **ARS7770E** | **The** *fieldtype1* **field cannot be mapped to the** *fieldtype2* **field. The** *fieldtype2* **field has a data type of '** *dataType2*' **and the** *fieldtype1* **field has a data type of '** *dataType1*'.

Explanation: A mapping was attempted between two fields which are of different data types.

User response: Correct the mapping object to reference a field of the correct data type.

| **ARS7779I**

| **The** *objectType* **named '** *objectName*' **is about to be deleted.**
| *numDocs* **documents are loaded in the application group.**
| **Do you want to delete this object? (Y/N)**

Explanation: The command prompts for a confirmation before deleting an application group.

User response: Type a Y or an N to confirm or reject the deletion of the application group.

| **ARS7797I**

| **Usage: arsxml validate [options]**
| **Version:** *None*
| **-d <directory> Directory for the input XML File**
| **-i <file> Input XML File (required)**

Explanation: This message displays the syntax of the arsxml validate command.

User response: No action is required.

| **ARS7800I** | **Querying** *objectName* **of** *objectType* **type.**

Explanation: This message displays the progress of a query operation.

User response: None

| **ARS7801I** | **Query of** *objectName* **of** *objectType* **type was successful.**

Explanation: This message is for informational purposes only.

User response: No action is required.

| **ARS7802E** | **The attribute '***attributeName*' **cannot be specified because sibling object** *objectName* **already has that attribute set.**

Explanation: The child attribute has already been specified in another sibling object.

User response: No action is required.

| **ARS7803E** | **The value '***attributeName*' **cannot be specified for the '** *objectName*' **attribute because a sibling object already has that value set.**

Explanation: The value has already been specified in a sibling object.

User response: No action is required.

| ARS7804E | Position '*attributeName*' in the list of ' *objectName*' is missing. |

Explanation: The query, display, and sort order attributes must not have any gaps.

User response: No action is required.

| ARS7805E | The *fieldName* field cannot be mapped because its field type is *fieldtype*. |

Explanation: A mapping was attempted for a field whose field type does not permit mapping.

User response: No action is required.

| ARS7806E | Searching *objectType* for *objectType objectName*. |

Explanation: Searching folders, application groups, or applications for containment.

User response: No action is required.

| ARS7807E | No objects found. |

Explanation: The search resulted in no objects found on the server.

User response: No action is required.

| ARS7808E | Unable to delete storage set. The object is referenced by an application group object. |

Explanation: The storage set could not be deleted because it is referenced by an application group object.

User response: No action is required.

| ARS7810E | The password specified does not match the last *objectType* passwords used. |

Explanation: An attempt was made to change the password to a previously used password.

User response: Try specifying a different password.

| ARS7811E | The password specified does not match the user ID. |

Explanation: An attempt was made to use a password that does not correspond with the user ID.

User response: Try specifying a different password.

| ARS7812E | Not enough objects specified. The *objectType* object requires *number name* child objects. |

Explanation: Not enough objects were specified.

User response: Specify the required number of objects.

| ARS7813W | The *attribute* attribute for the *object* object is set to *count*. This value might be too small. |

Explanation: Value for the specified attribute might be too small.

User response: Increase the number specified.

| ARS8000I |

> **Usage: arsrd -d dir [-I instance] [-u userid] [-p passwd]**
> **Version:** *version*
>   **-d <work_dir> Working directory   (required)**
>   **-h <od_inst> OnDemand library server or instance name (same as -I)**
>   **-I <od_inst> OnDemand library server or instance name (same as -h)**
>   **-p <passwd> OnDemand User Login Password**

> **-u <userid>** OnDemand User Login Name
> **-1 <trace_file>** Trace file
> **-2 <trace_level>** Trace level

Explanation: An incorrect parameter was specified for the command.

User response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand Report Distribution Guide.

ARS8001I **The OnDemand report distribution feature has not been installed. Please ensure that the feature has been purchased and properly installed.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8080E *header* **Error creating socket for control path.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8081E *header* **Sendmail control connection failed with error number** *errnum***.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8082E *header* **Read Response communication failed for block** *block* **with reply error** *replyerr***.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8092E *header* **Invalid mixed LINE DATA.**

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8103I *header* **Sendmail cannot open the following attachment file:** *filename*

Explanation: This message is for informational purposes only.

User response: No action is required.

ARS8119E *header* **Extraction of the following report failed: Distribution Name(***dist_name***) Report Name(***rept_name***)**

Explanation: The processing of the object has failed. This message is for informational purposes only.

User response: Check the report distribution system folders for additional information.

ARS8120I *header* **The creation of the following bundle failed: Distribution Name(***dist_name***) Bundle Name(***bund_name***)**

Explanation: The processing of the object has failed. This message is for informational purposes only.

User response: Check the report distribution system folders for additional information.

| ARS8121I | *header* **The delivery of the following distribution failed: Distribution Name(***dist_name***) Bundle Name(***bund_name***)** |

Explanation: The processing of the object has failed. This message is for informational purposes only.

User response: Check the report distribution system folders for additional information.

| ARS8125I | *header* **No documents retrieved from the optional report** *rept_name***.** |

Explanation: This message is for informational purposes only.

User response: No action is required.

| ARS8126E | *header* **No documents retrieved from the required report** *rept_name***.** |

Explanation: For required reports, if no document is retrieved, it is reported as an error.

User response: Check the report distribution system folders for additional information.

Part 2. OAM support services ABEND codes

Chapter 3. Introduction

ABEND code U-0039 (X'0027') is issued by the OAM support services when a failure or error condition occurs for which normal program running cannot continue.

An associated reason code (usually contained in general register 15 at the time of ABEND) further describes the condition. The reason code is an 8-digit hexadecimal value of the form *mmmmrrrr* where:

mmmm **(the high order 4-digits)**
> is the binary coded decimal representation of an associated message number. If these digits are 0000 then no message was issued.

rrrr **(the low order 4-digits)**
> is a reason code that identifies the failure or error condition. The reason code descriptions that are listed beginning on page Chapter 4, "OAM support services reason codes," on page 179 correspond to the *rrrr* digits.

Unless indicated otherwise, the following items apply to all reason codes:

System Action:
> The system might create LOGREC records and might also produce an SVC dump.

System Programmer Response:
> Search problem reporting databases for a fix for the problem. If no fix exists, please have the following diagnostic and problem determination materials available and contact your IBM Service Representative:
>
> - Binary machine readable dump data sets (for example, SVC dump and SYSMDUMP data sets). Note that print image formatted dumps written to data sets referenced by the SYSUDUMP and SYSABEND DD statements are, in general, inadequate when performing problem determination.
> - Formatted LOGREC records related to the failure. See the *Environmental Record Editing and Printing Program (EREP) User's Guide*, GC35–0151 and the *Environmental Record Editing and Printing Program (EREP) Reference*, GC35-0152 for information regarding the selection and formatting of LOGREC records.
> - Relevant sections of the MVS system log.
> - All related job logs and JCL listings.

Chapter 4. OAM support services reason codes

The following reason codes are associated with ABEND code U-0039 (X'0027') that is issued by the OAM support services when a failure or error condition occurs for which normal program running cannot continue. See Chapter 3, "Introduction," on page 177 for general information about the reason codes, including the system action and the system programmer response.

0250

Description: Queueing services request error: An invalid combination of storage attributes has been specified on a queue or queue element BUILD request.

Detecting Module: ARS3QMGR

0251

Description: Queueing services request error: The caller is not running in task mode and is not properly authorized.

Detecting Module: ARS3QMGR

0252

Description: Queueing services error: An unexpected return code was received from the MVS lock manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0:   Indicates which lock was being manipulated.

    1:   LOCAL

    2:   CMS

R14:   Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3QMGR

0253

Description: Queueing services error: An unexpected return code was received from the MVS lock manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0:   Indicates which lock was being manipulated.

    1:   LOCAL

    2:   CMS

R14:   Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3QMGR

0254

Description: Queueing services error: A queue validity error was detected. An element was expected to reside on a queue, however, it appears that the element is not properly queued.

Detecting Module: ARS3QMGR

0255

Description: Queueing services error: A queue validity error was detected. An element was found that was expected to not reside on a queue, however, its queue header pointer was non-zero.

Detecting Module: ARS3QMGR

0256

Description: Queueing services error: The queue serialization level value within the queue header was invalid.

Detecting Module: ARS3QMGR

0257

Description: Queueing services request error: An attempt was made to destroy an element that still resided on a queue.

Detecting Module: ARS3QMGR

0258

Description: Queueing services request error: An attempt was made to destroy a queue header that described a non-empty queue.

Detecting Module: ARS3QMGR

0259

Description: Queueing services request error: The service was invoked by an unauthorized caller through a mechanism other than the workstation instruction.

Detecting Module: ARS3QMGR

025A

Description: Queueing services request error: The caller is not running in task mode and has not supplied a TCB pointer to associate with VSM requests.

Detecting Module: ARS3QMGR

025B

Description: Queueing services error: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0:   Contains the address of the TCBTOKEN plist.

R14:   Contains the TCBTOKEN service return code.

Detecting Module: ARS3QMGR

0270

Description: Initialization failure: One or more support modules could not be loaded.

Detecting Module: ARS3OCT

0271

Description: An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows:

R0:   Contains the address of the ATTACH plist.

R14:   Contains the ATTACH service return code.

Detecting Module: ARS3OCT

0272

Description: An unexpected return code was received from the MVS lock manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

 1: LOCAL

 2: CMS

R14: Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3OCT

0273

Description: An unexpected return code was received from the MVS lock manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

 1: LOCAL

 2: CMS

R14: Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3OCT

0274

Description: The end-of-task exit program was entered for a TCB that did not have a corresponding element on the ARS3CAS_TCBQH subtask queue. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R2: Contains the TCB pointer presented to the ETXR.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OCT

0275

Description: Initialization error: An unacceptable value was specified for the number of ARS3OSR tasks to be attached. At the time of ABEND registers are loaded as follows:

R0: Contains the specified task count.

Additional Problem Determination Information: OAM services initialization parameters are contained in the `ars.cfg` file, which resides in the `/opt/IBM/ondemand/V9/config` directory. The number of ARS3OSR tasks to be attached is specified as the operand of the `ARS_NUM_OAMSRVR` statement. The value specified must be non-negative and less than or equal to 30.

Detecting Module: ARS3OCT

0276

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTEAX reason code.

Detecting Module: ARS3OCT

027A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP struct.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OCT

027B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARS3OCT

027D

Description: An unexpected return code was received from an IEANT*xx* service. At the time of ABEND registers are loaded as follows:

R0: Indicates which service was being requested.

    4: IEANTCR

    8: IEANTRT

    C: IEANTDL

R14: Contains the IEANT*xx* return code.

Detecting Module: ARS3OCT

027E

Description: A subtask did not terminate when requested to do so. The subtask is being forcibly terminated using CALLRTM.

Detecting Module: ARS3OCT

027F

Description: During subsystem shutdown, not all subtasks could be terminated.

Detecting Module: ARS3OCT

0292

Description: An unexpected return code was received from the MVS lock manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

    1: LOCAL

    2: CMS

R14: Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3OSR

0293

Description: An unexpected return code was received from the MVS lock manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

    1: LOCAL

    2: CMS

R14: Contains the lock manager (SETLOCK) return code.

Detecting Module: ARS3OSR

0296

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTEAX reason code.

Detecting Module: ARS3OSR

029A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OSR

029B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARS3OSR

037A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3ORI

Part 3. JES spool data capture facility ABEND codes

Chapter 5. Introduction

ABEND code U-0039 (X'0027') is issued when a failure or error condition occurs for which normal program running cannot continue. An associated reason code (usually contained in general register 15 at the time of ABEND) further describes the condition.

The reason code is an eight-digit hexadecimal value of the form *mmmmrrrr* where:

mmmm **(the high order four digits)**
> is the binary coded decimal representation of an associated message number. If these digits are `0000` then no message was issued.

rrrr **(the low order four digits)**
> is a reason code that identifies the failure or error condition. The reason code descriptions that are listed beginning on page Chapter 6, "JES spool data capture facility reason codes," on page 189 correspond to the *rrrr* digits.

Unless indicated otherwise, the following items apply to all reason codes:

System Action:
> The system might create LOGREC records and might also produce an SVC dump.

System Programmer Response:
> Search problem reporting data bases for a fix for the problem. If no fix exists, collect the following diagnostic and problem determination information and then contact the IBM support center:
>
> - Binary machine readable dump data sets (for example, SVC dump and SYSMDUMP data sets). Note that print image formatted dumps written to data sets referenced by the SYSUDUMP and SYSABEND DD statements are, in general, inadequate when performing problem determination.
> - Formatted LOGREC records related to the failure. See the *Environmental Record Editing and Printing Program (EREP) User's Guide*, GC35-0151 and the *Environmental Record Editing and Printing Program (EREP) Reference*, GC35-0152 for information regarding the selection and formatting of LOGREC records.
> - Relevant sections of the MVS system log.
> - All related job logs and JCL listings.

Reason code X'029C' is issued when the internal procedure which prepares OAM Query Response data structures for use was presented an insufficiently sized structure construction area. At the time of ABEND, registers are loaded as follows:

R0   Contains the length of the construction area.

R14   Contains the address of the construction area.

Chapter 6. JES spool data capture facility reason codes

The following reason codes are associated with ABEND code U-0039 (X'0027') that is issued by the JES spool data capture facility (ARSYSPIN) when a failure or error condition occurs for which normal program running cannot continue. See Chapter 5, "Introduction," on page 187 for general information about the reason codes, including the system action and the system programmer response.

025C

Description: Queue header or queue element validation failed for one of the following reasons:
- The structure pointer was either null or was not on a doubleword boundary.
- The expected ID string was not found in the structure.

Detecting Module: ARS3QMGR

025D

Description: Queue header validation failed for one of the following reasons:
- One, but not both, of the top or bottom of queue pointers was null.
- One, but not both, of the top or bottom of queue pointers pointed to the queue header.

Detecting Module: ARS3QMGR

025E

Description: During queue verification, a serialization error was detected while attempting to restore the queue element chain.

Detecting Module: ARS3QMGR

025F

Description: During queue verification, a serialization error was detected while attempting to remove the queue element chain.

Detecting Module: ARS3QMGR

0260

Description: During queue verification, an element chaining or element condition error was detected.

Detecting Module: ARS3QMGR

0261

Description: A request has been received to dequeue a specific element, however, the element was not found on the specified queue.

Detecting Module: ARS3QMGR

0401

Description: The attempt to OPEN a DCB was not successful. At the time of ABEND registers are loaded as follows:

R0: Points to an area consisting of the DDNAME immediately followed by the DCB.

R14: Contains the OPEN return code.

Detecting Module: ARSYSPIN

0402

Description: The attempt to create a capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the DSPSERV reason code.

R2: Points to the DSPSERV interface plist.

R14: Contains the DSPSERV return code.

Detecting Module: ARSYSPIN

0403

Description: The attempt to create an access list entry for the capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV reason code.

R2: Points to the ALESERV interface plist.

R14: Contains the ALESERV return code.

Detecting Module: ARSYSPIN

0404

Description: The attempt to delete the capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the DSPSERV reason code.

R2: Points to the DSPSERV interface plist.

R14: Contains the DSPSERV return code.

Detecting Module: ARSYSPIN

0405

Description: The attempt to delete the access list entry for the capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV reason code.

R2: Points to the ALESERV interface plist.

R14: Contains the ALESERV return code.

Detecting Module: ARSYSPIN

0470

Description: One or more support modules could not be loaded.

Detecting Module: ARSYSPIN

0471

Description: An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ATTACH plist.

R14: Contains the ATTACH service return code.

Detecting Module: ARSYSPIN

0472

Description: An unexpected return code was received from the MVS lock manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

> **1:** LOCAL
>
> **2:** CMS

R14: Contains the lock manager return code.

Detecting Module: ARSYSPIN

0473

Description: An unexpected return code was received from the MVS lock manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

> **1:** LOCAL
>
> **2:** CMS

R14: Contains the lock manager return code.

Detecting Module: ARSYSPIN

0474

Description: The end-of-task exit program was entered for a TCB that did not have a corresponding element on the ARSYCAS_TCBQH subtask queue. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R2: Contains the TCB pointer presented to the ETXR.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARSYSPIN

0476

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTAEX return code.

Detecting Module: ARSYSPIN

047A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARSYSPIN

047B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARSYSPIN

047D

Description: An unexpected return code was received from an IEANTxx service. At the time of ABEND registers are loaded as follows:

R0: Indicates which service was being requested:

    4: IEANTCR

    8: IEANTRT

    C: IEANTDL

R14: Contains the IEANTxx return code.

Detecting Module: ARSYSPIN

047E

Description: A subtask did not terminate when requested to do so. The subtask is being forcibly terminated using CALLRTM.

Detecting Module: ARSYSPIN

047F

Description: During subsystem shutdown, not all subtasks could be terminated.

Detecting Module: ARSYSPIN

0480

Description: An IEALSQRY request was unsuccessful. At the time of ABEND registers are loaded as follows:

R14: Contains the IEALSQRY return code.

Detecting Module: ARSYSPIN

0490

Description: A request has been made to interact with the JES3 subsystem, however, the current unit of work is not running under the control of JES3.

Detecting Module: ARSYSSI

0491

Description: An unexpected return code was received from the MVS subsystem request router. At the time of ABEND registers are loaded as follows:

R0: Contains the IEFSSREQ return code.

R14: Contains the address of the ARSYCBSI structure.

Detecting Module: ARSYSSI

0492

Description: An unexpected return code was received from the MVS lock manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

> **1:** LOCAL

> **2:** CMS

R14: Contains the lock manager return code.

Detecting Module: ARSYSSI

0493

Description: An unexpected return code was received from the MVS lock manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

> **1:** LOCAL

> **2:** CMS

R14: Contains the lock manager return code.

Detecting Module: ARSYSSI

0494

Description: An unexpected return code was received from JES in response to a SAPI request. At the time of ABEND registers are loaded as follows:

R0: Contains the SSOBRETN value.

R14: Contains the address of the ARSYCBSI structure.

Detecting Module: ARSYSSI

0496

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTAEX return code.

Detecting Module: ARSYSSI

049A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARSYSSI

049B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14:   Contains the TCBTOKEN service return code.

Detecting Module: ARSYSSI

049C

Description: An unexpected return code was received from the DSPSERV service when attempting to release data space pages. At the time of ABEND registers are loaded as follows:

R0:   Contains the DSPSERV reason code.

R2:   Contains the DSPSERV interface plist.

R14:   Contains the DSPSERV return code.

Detecting Module: ARSYSSI

049D

Description: An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows:

R0:   Contains the address of the ATTACH plist.

R14:   Contains the ATTACH service return code.

Detecting Module: ARSYSSI

04A9

Description: A request to deallocate a transfer data set was unsuccessful. At the time of ABEND registers are loaded as follows:

R0:   Contains the DYNALLOC request block S99RSC field.

R14:   Contains the S99RB address.

Detecting Module: ARSYSSI

04AA

Description: An attempt to OPEN a transfer file DCB was unsuccessful. At the time of ABEND registers are loaded as follows:

R14:   Contains the DCB address.

Detecting Module: ARSYSSI

04AB

Description: A request to dynamically allocate (DYNALLOC) a transfer data set was unsuccessful. At the time of ABEND registers are loaded as follows:

R0:   Contains the DYNALLOC request block S99RSC field.

R14:   Contains the S99RB address.

Detecting Module: ARSYSSI

04AC

Description: A request to deallocate a spool file was unsuccessful. At the time of ABEND registers are loaded as follows:

R0:   Contains the DYNALLOC request block S99RSC field.

R14:   Contains the S99RB address.

Detecting Module: ARSYSSI

04AD

Description: An attempt to close a spool file ACB was unsuccessful. At the time of ABEND registers are loaded as follows:

R14: Contains the ACB address.

Detecting Module: ARSYSSI

04AE

Description: An attempt to open a spool file ACB was unsuccessful. At the time of ABEND registers are loaded as follows:

R14: Contains the ACB address.

Detecting Module: ARSYSSI

04AF

Description: A request to dynamically allocate (DYNALLOC) a spool file was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the DYNALLOC request block S99RSC field.

R14: Contains the S99RB address.

Detecting Module: ARSYSSI

04B0

Description: An IEALSQRY request was unsuccessful. At the time of ABEND registers are loaded as follows:

R14: Contains the IEALSQRY return code.

Detecting Module: ARSYSSI

04B3

Description: The attempt to create an access list entry for the capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV reason code.

R2: Points to the ALESERV interface plist.

R14: Contains the ALESERV return code.

Detecting Module: ARSYSSI

04B5

Description: The attempt to delete the access list entry for the capture data space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV reason code.

R2: Points to the ALESERV interface plist.

R14: Contains the ALESERV return code.

Detecting Module: ARSYSSI

04D0

Description: An invalid user exit interface driver action code was specified. At the time of ABEND registers are loaded as follows:

R0:   Contains the ARSYUXIP address.

Detecting Module: ARSYUXI

Chapter 7. JES spool data capture facility messages

The following messages are associated with the JES spool data capture facility (ARSYSPIN).

ARSY0100E   Unable to open <filename> (errno: <integer> (x'<hexdigits>'))

Explanation: The attempt to open the specified file was unsuccessful. The C runtime errno value (shown in decimal and hexadecimal) is described in *OS/390 C++ Run-Time Library Reference*, SC28-1663.

The most likely cause of the failure is a missing DD statement.

Module: ARSYPXP

ARSY0101E   fldata() failed for <filename> (RC: <integer> (x'<hexdigits>'))

Explanation: The attempt to retrieve descriptive information for the specified file was unsuccessful. See *OS/390 C++ Run-Time Library Reference*, SC28-1663 for a description of the fldata() function return values.

Module: ARSYPXP

ARSY0102E   Error on fread() of file <filename>

Explanation: An attempt to read a logical record from the specified file was unsuccessful. This message is usually followed by a message beginning with EDC, which further describes the error.

Module: ARSYPXP

ARSY0103I   <<options statement text>>

Explanation: This message echoes the text of a given control statement.

Module: ARSYPXP

ARSY0104E   Syntax error - keyword delimiter not found

Explanation: The equal sign (=) delimiter that separates a keyword from its operand was not found on the current control statement. (That is, the statement identified by the most recent preceding ARSY0103I message.)

Module: ARSYPXP

ARSY0105E   Unrecognized keyword: <string>

Explanation: The current control statement keyword (that is, the text to the left of the equal sign) is not valid.

Module: ARSYPXP

ARSY0106E   Keyword operand not supplied

Explanation: No text was found following the keyword delimiter on the current control statement.

Module: ARSYPXP

ARSY0107E   Operand rightside delimiter not found

Explanation: The operand for the current control statement did not contain the expected delimiter on the right. For example, if the operand for the current control statement keyword is expected to be contained within parentheses, the right parenthesis character was not found. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the expected operand characteristics of a given keyword.

Module: ARSYPXP

ARSY0108E   Operand leftside delimiter not found

Explanation: The operand for the current control statement did not contain the expected delimiter on the left. For example, if the operand for the current control statement keyword is expected to be contained within parentheses, the left parenthesis character was not found. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the expected operand characteristics of a given keyword.

Module: ARSYPXP

ARSY0109E   Invalid operand length

Explanation: The supplied operand for the current control statement keyword is either too short or too long. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the expected operand characteristics of a given keyword.

Module: ARSYPXP

ARSY0110E   True/False operand expected

Explanation: A Boolean operand is expected for the current control statement keyword. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the valid Boolean operand values.

Module: ARSYPXP

ARSY0111E   Operand does not consist of all decimal digits

Explanation: The operand for the current control statement keyword is expected to consist solely of a string of decimal digits.

Module: ARSYPXP

ARSY0112E   Invalid suboperand length

Explanation: When processing an operand that can be specified as a parenthesized list of suboperands, one or more of these suboperands is either too short or too long. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the expected operand characteristics of a given keyword.

Module: ARSYPXP

ARSY0113I   Control statements processing completed - RC= <integer> (x'<hexdigits>')

Explanation: Processing of the control statement stream has completed. If the RC value is non-zero, then at least one syntax error has been detected and ARSYSPIN terminates.

Module: ARSYPXP

ARSY0114E   Unrecognized subparameter: <string>

Explanation: The operand or suboperand for the current control statement keyword is expected to be a member of a set of specific character strings. For example, the ERROPT keyword expects its operand to be either ABEND, ACCEPT, or HOLD. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the allowable operand values for a given control statement keyword.

Module: ARSYPXP

ARSY0115E   Improper number of subparameters

Explanation: An improper number of subparameters (either too many or too few) was specified for the current control statement. See the ARSYSPIN program reference in the *IBM Content Manager OnDemand for z/OS: Administration Guide* for the expected operand characteristics of a given keyword.

Module: ARSYPXP

Part 4. ACIF messages

Chapter 8. Introduction

ACIF prints a message list at the end of each compilation. A return code of 0 means that ACIF completed processing without any errors. ACIF supports the standard return codes.

Notes:

1. ACIF messages contain instructions for the PSF or Infoprint Manager system programmer. Please show your system programmer these messages, because they might not be contained in the PSF or Infoprint Manager messages publications.
2. AIX and Windows users can invoke the PSF MSG command on the server to view or print messages online.

Message Identifiers

ACIF issues the same messages for AIX, HP-UX Itanium, Solaris, Windows, and z/OS. The format of the message identifier is **APK***nnnt*, where the following list describes the variables:

APK   Identifies an ACIF message.

nnn **or** *nnnn*
    Specifies the three-digit or four-digit message number.

t   Specifies one of the following error conditions:

Error Type	Description
S	Severe error that causes ACIF to terminate processing the current print file. The exact method of termination can vary. For certain severe errors, ACIF abends with a return code and reason code. This is generally the case when some system service fails. In other cases, ACIF terminates with the appropriate error messages written to the message file specified when you invoked ACIF. Most error conditions detected by ACIF fall into the severe category.
W	Warning error that ACIF issues when the fidelity of the document (assuming it is reprinted) might be in question.
I	Informational error that ACIF issues when it processes a print file to let the operator or application programmer determine if the correct processing parameters have been specified. These messages can assist in providing an audit trail.

The terms used in the messages and explanations are those used for z/OS, even though the messages and explanations also apply to AIX, HP-UX Itanium, Solaris, and Windows. The following list shows some of the terms used in the messages in this publication and what those terms refer to in AIX, HP-UX Itanium, Solaris, and Windows:

Term	AIX, HP-UX Itanium, Solaris, Windows
print data set	input file
data set	input file

data stream	file
PSF	PSF or Infoprint Manager
record	data set

Multiple Message Scenarios

ACIF can issue more than one error message as a result of a single error condition. These situations are limited to the area of parsing the structured field (for example, determining the length and type of the structured field). Some possible scenarios include these message numbers:

- 105, 108, 109, 103
- 105, 108, 110, 103
- 106, 108, 109, 103
- 106, 108, 110, 103

Any subset of the listed message numbers is also possible, provided you start with the first one (for example, 105, 108, 109 or 105, 108, or 105, 110, and so on). The first message accurately describes the error condition; any subsequent messages provide additional information. Additional error messages might not always be accurate.

Message number 101 can occur after many error conditions, because ACIF attempts to locate the end of the resource containing the error as part of its recovery procedure.

Chapter 9. ACIF messages

APK104S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ALLOWED OR FORMS AN INVALID SEQUENCE.

Explanation: The structured field identified in this message is either out of sequence or not valid in an object. The record might be line data. If inline resources are used with data-set header pages, multiple resource groups might be present.

This message is issued if your AFP input file contains IM1 image with no Image Raster Data (IRD) structured field. This type of AFP file might be built by DCF when creating shaded text with a shading percentage of zero.

If this message is preceded by message APK420S, the error is caused by a missing resource object.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information on the correct format of the referenced structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK105I   THE ERROR REPORTED ABOVE OCCURRED IN LOGICAL RECORD NUMBER *recordnumber*, WHOSE SEQUENCE NUMBER IS *sequencenumber*.

Explanation: This message is given in addition to the message that describes the error. It identifies the specific input record that is not valid. The object (if any) that contains the not valid record is identified in either message APK108I or message APK109I.

The record number specified is relative to the user data stream and is different for multiple transmissions of the data set. However, the record number might be inaccurate if the data set is using a page definition that performs conditional processing.

The sequence number might print as NOT AVAILABLE in the message. For example, a line-data record does not have a sequence number.

System action: The disposition of the file depends upon the error described in the accompanying messages.

User response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System programmer response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK106I   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: NAME *tokenname* IN *begintypestructuredfield* DOES NOT MATCH NAME *tokenname* IN *endtypestructuredfield*.

Explanation: The TOKEN NAME parameters in the Begin-type and End-type structured fields identified in this message do not match. Structured fields might be out of sequence in the input data stream.

When token names are specified, the TOKEN NAME parameters in the associated Begin-type and End-type structured fields must match.

System action: Processing continues, and ACIF issues a message identifying the position of the structured field in the input data stream or resource. ACIF issues additional messages identifying the processing environment when the error was found.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture*

Reference or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK108I   **THE ERROR REPORTED ABOVE WAS DETECTED WITHIN OBJECT TYPE** *objecttype* **WITH TOKEN NAME** *tokenname*.

Explanation: This message is issued in addition to the message that describes the error. The objects that were being processed are listed to identify the location of the error in the input data stream or in a resource.

System action: The disposition of the file depends on the error described in the accompanying messages.

User response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System programmer response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK109I   **THE ERROR REPORTED ABOVE WAS CAUSED BY THE RESOURCE** *resourcename* **IN AN EXTERNAL LIBRARY OR AN INLINE RESOURCE.**

Explanation: This message is issued in addition to the message that describes the error. The object identified in the accompanying message was either a resource being processed from an external library or an inline resource. Error message APK108I identifies the member as a page definition, form definition, font, code page, font character set, page segment, or an overlay. The combined information from these two messages can be used to identify the library defined to ACIF on the *type*LIB parameter, where *type* is the type of resource, such as OVLY for overlay. In the case of an inline form definition or page definition, the resource is not a member of an external library but is included at the beginning of the user's data set.

System action: The disposition of the file depends on the error described in the accompanying messages.

User response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System programmer response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK110S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE LENGTH SPECIFIED IN THE SELF-DEFINING PARAMETER** *identifier* **OF THE STRUCTURED FIELD** *structuredfield* **IS INCORRECT.**

Explanation: Insufficient data was present in the structured field for the length given in the self-defining parameter or triplet. If the self-defining parameter or triplet ID is 0, the length of the self-defining parameter or triplet might have been 0 or 1, which means that no ID was available for use in this message.

System action: If the error occurred in a structured field in a page or resource, PSF attempts to find the end of the page or resource. If PSF can find the end of the page, it prints any data accumulated for the current page. If PSF cannot find the end of the page, the data set is terminated. If the error occurred in a form definition, a page definition, or non-presentation object container resource (for example, COMSETUP), the form definition, page definition, or non-presentation object container resource is not used, and one of these occurs:

- PSF is not started for any of these:
  - The default form definition
  - A form definition specified for printing messages or separator pages
  - A page definition specified for printing messages or separator pages
- PSF cannot begin printing the data set for a form definition or non-presentation object container resource (or page definition if printing line date) specified on a user's OUTPUT JCL statement; PSF tries to print the next data set. PSF issues a message identifying the position of the structured field in the data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User response: If you created the structured fields for the object, correct the error and resubmit the print request.

Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK112S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: RECORD CONTAINS NO DATA, EVEN THOUGH AT LEAST A CONTROL CHARACTER IS EXPECTED.**

Explanation: ACIF read an input record without a control character following the record descriptor word (RDW). A minimum of 1 byte of control-character data is needed to make the record valid.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK113S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD LENGTH IS LESS THAN THE INTRODUCER LENGTH.**

Explanation: A structured field must have at least 8 bytes of data, the minimum length necessary for a structured-field introducer. The Extension Indicator flag in the structured-field introducer indicates whether the minimum length of the structured field can be greater than 8 bytes.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK114S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: RECORD LENGTH DOES NOT AGREE WITH LENGTH IN STRUCTURED FIELD INTRODUCER.**

Explanation: All structured fields are preceded by a record length that specifies the entire length of the record, including four bytes in the record length and a one byte control character. However, the record length specified does not match the sum of the LENGTH parameter in the structured field introducer and the five other bytes.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, ensure that the record length specified is valid for the structured field , and resubmit the print request. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK116S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: PADDING LENGTH OR EXTENSION LENGTH IS INCORRECT FOR STRUCTURED FIELD.**

Explanation: The length of padding or extension specified in the LENGTH or EXTENSION parameter in the structured-field introducer indicates more data than was found in the structured field.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, ensure that the Extension Indicator flag is set correctly and that the LENGTH parameter in the structured-field introducer specifies the actual length of padding for the structured field that is not valid. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured-field introducer. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK117S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: LENGTH INDICATED IN THE STRUCTURED FIELD INTRODUCER IS INCORRECT FOR *structuredfield* STRUCTURED FIELD.**

Explanation: The length indicated by the structured-field introducer specifies an incorrect number of bytes for the structured field identified in this message. This error is caused by one of these :

• The Extension or Padding Indicator flags in the structured-field introducer are set incorrectly.

• One or more of the parameters in the structured fieldthat is not valid contain too many bytes of data.

In some cases, the length of a structured field is specified in a parameter located in another structured field. For example, the length of Fixed Data Text (FDX) structured field is specified in the SIZE parameter of the Fixed Data Size (FDS) structured field.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, ensure that the LENGTH parameter in the structured-field introducer specifies a valid length for the structured field. Also ensure that the number of bytes in the structured-field parameter matches the length specified in the structured-field introducer. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured-field introducer.

If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK118W   **UNSUPPORTED STRUCTURED FIELD *code* WAS IGNORED, AND, IF IT BEGAN AN OBJECT, THE OBJECT WAS IGNORED.**

Explanation: The IDENTIFIER parameter in the structured-field introducer for the incorrect structured field specified a structured-field code that was not recognized as a valid structured-field code.

System action: If the structured field began an object, the object was ignored. Otherwise, only the structured field was ignored, and processing of the rest of the data set continues as usual.

ACIF issues a message identifying the position of the structured field in the input data stream or containing resource. ACIF issues additional messages identifying the processing environment when the error was found.

User response: If the printed output was unacceptable, and you created the structured fields for the print data set or resource, give the incorrect structured field a valid code for its structured-field type. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for a list of valid structured-field types.

If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured field for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK120S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID:** *structuredfield1* **STRUCTURED FIELD CONTAINS AN INCORRECT VALUE FOR THE SIZE OF THE** *structuredfield2* **REPEATING GROUP.**

Explanation: *Structuredfield1* specifies the length of each repeating group found in *structuredfield2*. Either the value specified in *structuredfield1* for the size of the repeating group is too small, or the actual length of the repeating-group data is not a multiple of the size specified.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: Use the accompanying messages to determine if the structured field causing the error is in the print data set or in a resource. Correct the process used to create the print data set or resource. If you used an IBM licensed program to create the data stream with the error, use local problem-reporting procedures to report this message.

System programmer response: None.

APK130S   **DATA IN AN INPUT RECORD IS INVALID:** *structuredfield* **STRUCTURED FIELD IS NOT ACCEPTABLE AT THE START OF A DATA STREAM.**

Explanation: The structured-field type identified in this message is not valid at the start of the data stream. Subsequent error messages give additional information about the processing environment when the error occurred.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the print data set, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK135I   **DATA IN A FORMDEF RESOURCE IS INVALID: DUPLICATE OVERLAY LOCAL IDENTIFIER WAS FOUND IN THE** *structuredfield* **STRUCTURED FIELD.**

Explanation: The same local identifier was found assigned to more than one OVERLAY LOCAL IDENTIFIER parameter in the Map Medium Overlay (MMO) or Map Page Overlay (MPO) structured field repeating groups. The MMO structured field is contained in the form definition. The MPO is contained in the page definition or the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK138S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: OVERLAY LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE *structuredfield* STRUCTURED FIELD.

Explanation: An incorrect OVERLAY LOCAL IDENTIFIER was encountered in the Map Medium Overlay (MMO), Map Page Overlay (MPO), or Medium Modification Control (MMC) structured field repeating groups. The MMO and MMC structured fields are contained in the form definition. The MPO is contained in the page definition or the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK139S   DATA IN A FORMDEF RESOURCE IS INVALID: SUPPRESSION LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE MSU STRUCTURED FIELD.

Explanation: The SUPPRESSION LOCAL IDENTIFIER parameter in the Map Suppression (MSU) structured field is not valid. The MSU structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK140S   DATA IN A FORMDEF RESOURCE IS INVALID: TWO MMC STRUCTURED FIELDS ARE DEFINED WITH THE SAME IDENTIFIER, *identifier*.

Explanation: Two Medium Modification Control (MMC) structured fields in a single form environment group have the same value in their MEDIUM MODIFICATION CONTROL IDENTIFIER parameters. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK141S   DATA IN A FORMDEF RESOURCE IS INVALID: MEDIUM SUPPRESSION TOKEN NAME IS REPEATED IN MSU STRUCTURED FIELD.

Explanation: The TOKEN NAME parameters in two repeating groups in a Map Suppression (MSU) structured field have the same value. The MSU structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK143S   **DATA IN A FORMDEF RESOURCE IS INVALID: COPY SPECIFICATIONS IN THE MCC STRUCTURED FIELD ARE NOT ACCEPTABLE.**

Explanation: Either a gap or an overlap exists in the Starting and Stopping Copy Numbers, or the maximum number of copies for one set of modifications has been exceeded. The COPY NUMBER parameters are specified in the Medium Copy Count (MCC) structured field. The MCC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, ensure that the Starting Copy Number and Stopping Copy Number parameters in a repeating group in an MCC structured field have valid values that correlate. Also, verify that fewer than 255 copies have been requested. If 255 or more copies with the same modifications are needed, define two or more MCC structured fields. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information on the MCC structured field. If the MCC has no errors, the error might be an ACIF logic error.

If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK145S   **DATA IN A FORMDEF RESOURCE IS INVALID: THE FORMS-FLASH VALUE IN MMC STRUCTURED FIELD, ID** *identifier*, **IS NOT ACCEPTABLE.**

Explanation: The Medium Modification Control (MMC) structured field contains an incorrect value for the repeating group that contains forms-flash modification. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK146S   **DATA IN A FORMDEF RESOURCE IS INVALID: MORE THAN 8 OVERLAYS ARE SPECIFIED IN MMC STRUCTURED FIELD, ID** *identifier*.

Explanation: In a Medium Modification Control (MMC) structured field, the maximum number of overlays allowed in one set of modifications has been exceeded. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK147S   **DATA IN A FORMDEF RESOURCE IS INVALID: MORE THAN 8 SUPPRESSIONS ARE SPECIFIED IN MMC STRUCTURED FIELD, ID** *identifier*.

Explanation: In a Medium Modification Control (MMC) structured field, the maximum number of suppressions allowed in one set of modifications has been exceeded. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK152S   **DATA IN A FORMDEF RESOURCE IS INVALID: MMC STRUCTURED FIELD WAS NOT FOUND TO COMPARE WITH IDENTIFIER** *identifier* **IN MCC STRUCTURED FIELD.**

Explanation: The MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in the Medium Copy Count (MCC) structured field contains a value that did not match the MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in any Medium Modification Control (MMC) structured field in the form environment group. The MCC and MMC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK154S   **DATA IN A FORMDEF RESOURCE IS INVALID: OVERLAY LOCAL IDENTIFIER IN MMC STRUCTURED FIELD, ID** *identifier*, **WAS NOT FOUND IN MMO STRUCTURED FIELD.**

Explanation: The overlay modification in the Medium Modification Control (MMC) structured field was not present in the Map Medium Overlay (MMO) structured field. The MMC and MMO structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK155S **DATA IN A FORMDEF RESOURCE IS INVALID: TOO MANY COPY CONTROLS WERE SPECIFIED FOR THE CURRENT FORM ENVIRONMENT GROUP.**

Explanation: For a given physical page, up to 256 bytes of data can be specified for the printer command that describes the copies and modifications to be made. The current form environment group causes the data for the command to exceed 256 bytes. ACIF builds the printer command from data contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, either reduce the number of copy groups in the Medium Copy Count (MCC) structured field or reduce the number of modifications specified in the Medium Modification Control (MMC) structured field. Otherwise, split these functions between two or more form environment groups in two or more medium maps. Then, include in your input two or more identical copies of the same page that each select an appropriate copy group by use of the Invoke Medium Map (IMM) structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the MMC and MMO structured fields.

If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK156S **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: NULL NAME IS NOT ACCEPTABLE IN** *structuredfield* **STRUCTURED FIELD.**

Explanation: All Begin-type and End-type structured fields can include an 8-byte token name. A null token name is not allowed for the listed structured field.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK157S **MISMATCH BETWEEN PRINT DATA SET AND FORMDEF RESOURCE: MEDIUM MAP** *mediummap* **SPECIFIED IN IMM STRUCTURED FIELD WAS NOT FOUND IN FORMDEF** *formdefinition***.**

Explanation: The TOKEN NAME parameter in the Invoke Medium Map (IMM) structured field specifies the token name used to locate a medium map in the form definition. This parameter must match the TOKEN NAME parameter specified in bytes 0–7 in one of the Begin Medium Map (BMM) structured fields in the current form definition. The IMM structured field is contained in the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: Ensure that the correct form definition was specified. If it was, and if you added the Invoke Medium Map structured field to the print data set, change the TOKEN NAME in the IMM structured field and run ACIF. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the BMM and IMM structured fields. If the correct form definition was specified, and if you used a program to embed the IMM structured field in the print data set, verify that the copy group name that you gave the program is valid for the form definition you have specified.

System programmer response: No action is required

APK158I **PAGEDEF PARAMETER MUST BE SPECIFIED IN ORDER TO PRINT THIS DATA SET. DETERMINE THE PERMISSIBLE VALUES USED IN YOUR INSTALLATION FOR THE PAGEDEF PARAMETER.**

Explanation: The current data set contains line data, XML data, or structured fields that do not form a MO:DCA-P page. This kind of data set cannot be printed without an active page definition. No PAGEDEF keyword was provided on the OUTPUT JCL statements for this job, and no default page definition was defined in the PSF initialization procedure.

This error can also occur if MO:DCA-P data in the print data set contains a record without the required X'5A' control character preceding the structured-field introducer. The missing control character makes the record appear to be line data. A page definition is necessary to process line data. Therefore, PSF detects an error.

System action: ACIF stops processing the print data set.

User response: If you intended to print line data or XML data, do one of these to specify a page definition:
- Code the PAGEDEF parameter on the OUTPUT JCL statement. For information about how to code the OUTPUT statement, refer to *PSF for OS/390 and z/OS: User's Guide*.
- Code the FCB parameter on the DD JCL statement.
- Request that your system programmer code a default page definition name in the PSF initialization procedure.

If you did not intend to print line data or XML data, and you used a program to create the structured fields for the print data set, ensure that all MO:DCA-P data records begin with the X'5A' control character and then contact your system programmer.

System programmer response: No action is required

APK159S **THE END OF THE DATA STREAM WAS ENCOUNTERED BEFORE THE LOGICAL END OF AN OBJECT WITHIN THE DATA STREAM.**

Explanation: ACIF was processing an object that began with a Begin-type structured field. However, the input data stream ended before a corresponding End-type structured field was found. The message can also occur if the system operator prematurely interrupts or ends a print request by issuing an INTERRUPT, RESTART, or CANCEL Job Entry Subsystem (JES) command.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the print data set, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK162S **MISMATCH BETWEEN PRINT DATA SET AND PAGEDEF RESOURCE: DATA MAP** *datamap* **SPECIFIED IN IDM STRUCTURED FIELD WAS NOT FOUND IN PAGEDEF** *pagedefinition***.**

Explanation: The TOKEN NAME parameter in the Invoke Data Map (IDM) structured field specifies the token name used to locate a data map in the page definition. The name must match the value specified in the TOKEN NAME parameter in the Begin Data Map (BDM) structured field in the current page definition. The IDM structured field is contained in the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: Ensure that the correct page definition was specified. If it was, and if you added the Invoke Data Map structured field to the print data set, change the TOKEN NAME in the IDM structured field and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the BDM and IDM structured fields. If the correct page definition was specified, and if you used a program to embed the IDM structured field in the print data set, verify that the data map name that you supplied the program is one that is valid for the page definition you have specified.

System programmer response: No action is required

APK163S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE SCALE FACTOR VALUE IN THE IOC STRUCTURED FIELD IS NOT ACCEPTABLE.

Explanation: The IMAGE BLOCK SCALE FACTOR parameter in the Image Output Control (IOC) structured field is not valid. The image block or image cell might be contained in an overlay, a page segment, or a composed-text print data set. It might also be embedded in a data set containing line data, using a Begin Image (BIM) structured field.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the resource or print data set containing the image, correct the error in the referenced structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the resource or print data set containing the image, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK166S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: AN ENTRY IN A MCF STRUCTURED FIELD CONTAINS AMBIGUOUS IDENTIFICATION.

Explanation: A font in the Map Coded Font (MCF) structured field can be identified with a CODED FONT NAME parameter, with a combination of the FONT CHARACTER SET NAME parameter and the CODE PAGE NAME parameter, or with a CODED FONT parameter (also known as a GRID parameter). One of the repeating groups in an MCF structured field specified more than one of these ways to specify a font or specified a CODED FONT (GRID) and a section number other than 0. The MCF structured field is in the MO:DCA-P data, an overlay, or a page definition.

System action: If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. Otherwise, PSF terminates the page or overlay containing the structured field in error. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment when the error was found.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an PSF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK167S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: AN ENTRY IN AN MCF STRUCTURED FIELD CONTAINS INCOMPLETE IDENTIFICATION.

Explanation: One of the repeating groups in a Map Coded Font (MCF) structured field does not contain enough information to identify a coded font. Two ways to identify a font in the Map Coded Font (MCF) structured field are either with a CODED FONT NAME parameter or with a combination of the FONT CHARACTER SET NAME parameter and the CODE PAGE NAME parameter. An entry contains only a FONT CHARACTER SET NAME parameter or a CODE PAGE NAME parameter. The MCF structured field is contained in a composed-text print data set, an overlay, or a page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK169S   **INSUFFICIENT VIRTUAL STORAGE PREVENTED FURTHER PROCESSING. INCREASE REGION SIZE, AND RESUBMIT THE PRINT REQUEST.**

Explanation: Insufficient storage is available in the ACIF address space to contain the internal control block needed to read an object.

System action: ACIF stops processing the print data set.

User response: Inform your system programmer that this error occurred.

System programmer response: The value of the REGION parameter used for the ACIF job should be increased.

APK170S   **DATA IN A FORMDEF RESOURCE IS INVALID: THE SIMPLEX/DUPLEX VALUE IN MMC STRUCTURED FIELD, ID** *identifier*, **IS NOT ACCEPTABLE.**

Explanation: In the Medium Modification Control (MMC) structured field with the specified identifier, either the simplex or the duplex keyword-parameter value is not valid. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK171S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: FONT LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE** *structuredfield* **STRUCTURED FIELD.**

Explanation: The Map Coded Font (MCF) structured field consists of repeating groups. In one of the groups, the value of the CODED FONT LOCAL IDENTIFIER parameter for the font (section) being mapped is not valid. The MCF structured field is contained in a composed-text print data set, an overlay, or a page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK172S   DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES BOTH NORMAL AND TUMBLE DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field refers to one or more Medium Modification Control (MMC) structured fields , which include requests for both normal duplex and tumble duplex. You cannot request both normal duplex and tumble duplex within the same medium map. The MCC and MMC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK178S   DATA IN A FORMDEF RESOURCE IS INVALID: THE MCC STRUCTURED FIELD HAS AN ODD NUMBER OF COPY GROUPS, BUT SPECIFIES DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field specifies an odd number of copy groups, but the copy group modifications specified in the Medium Modification Control (MMC) structured field include duplex, which requires an even number of copy groups. The MCC and MMC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK179S   DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES BOTH SIMPLEX AND DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field refers to two or more Medium Modification Control (MMC) structured fields, which include requests for both simplex and duplex printing. You cannot specify both simplex and duplex printing within the same medium map. The MCC and MMC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK181S   DATA IN A FORMDEF RESOURCE IS INVALID: UNEQUAL COPY COUNTS FOR DUPLEX SHEETS ARE SPECIFIED IN THE MCC STRUCTURED FIELD.

Explanation: The set of modifications referred to by the Medium Copy Count (MCC) structured field includes duplexing, but the numbers of copies in two corresponding repeating groups are not equal. The repeating groups are defined in the Medium Map Control structured field (MMC). The MCC and MMC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK188S   THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD SELECTS MORE THAN ONE INPUT SOURCE, AND THE DEVICE DOES NOT SUPPORT MORE THAN ONE INPUT SOURCE.

Explanation: The Medium Copy Count (MCC) structured field refers to one or more Medium Modification Control (MMC) structured fields , which include requests for more than one input source or media type local ID. You cannot specify more than one input source or media type local ID for multiple copy groups, because the printer you are using does not support it. The MCC and MMC structured fields are in the form definition.

System action: The form definition containing the error is not used, and one of these occurs:
- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment in which the error occurred.

User response: Request that the job be printed on a printer that supports the specification of input source in the Load Copy Control (LCC) command. If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be a PSF or printer logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK190S   DATA IN A FORMDEF RESOURCE IS INVALID: THE BIN-SELECTION VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: In the Medium Modification Control (MMC) structured field with the identifier specified in the message text, the bin-selection parameter value was not valid. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK191S **DATA IN A FORMDEF RESOURCE IS INVALID: THE SUPPRESSION LOCAL IDENTIFIER VALUE IN MMC STRUCTURED FIELD, ID** *identifier***, IS NOT ACCEPTABLE.**

Explanation: The MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in a Medium Modification Control (MMC) structured field is not valid. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK210S **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: A REQUIRED TRIPLET OR SELF-DEFINING PARAMETER WITH ID** *identifier* **WAS MISSING FROM A** *structuredfield* **STRUCTURED FIELD.**

Explanation: The triplet or self-defining parameter specified in the message was not found in the structured field indicated. This is a required triplet or self-defining parameter.

System action: If the structured field is included in an object container, bar code, graphics, or image object embedded in a page or overlay, PSF ignores the object and continues processing the current page or overlay.

If the structured field is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resumes processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. For non-presentation object containers, PSF stops printing the data set.

If the error is contained in a page definition or form definition, PSF terminates processing of the data set and continues processing with the next data set. PSF issues a message that identifies the position structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User response: If you created the structured fields, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the image object, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK212S **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE UNIT BASE PARAMETER IN THE** *structuredfield* **STRUCTURED FIELD IS INVALID.**

Explanation: An incorrect Unit Base value was encountered in the structured field identified in this message.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the image object, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured

fields for the image object, contact your system programmer.

System programmer response: None.

**APK217S   DATA IN AN INPUT RECORD IS INVALID: PARAMETER IN A BR STRUCTURED FIELD
               CONTAINS UNACCEPTABLE DATA.**

Explanation: One of the parameters in the Begin Resource (BR) structured field is not valid. The BR structured field
is contained in the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you placed the BR structured field in the print data set, correct the error and resubmit the print
request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more
information about the structured field. If you used a program to place the BR structured field in the print data set,
contact your system programmer.

System programmer response: If an IBM licensed program was used to place the BR structured field in the print
data set, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis
reference for assistance in determining the source of the problem.

**APK221S   DATA IN A FORMDEF RESOURCE IS INVALID: THE ORIENTATION VALUE *value* IN THE MDD
               STRUCTURED FIELD IS UNACCEPTABLE.**

Explanation: The Medium Descriptor (MDD) structured field has an incorrect orientation value. The MDD
structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print
request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more
information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If
you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

**APK223I   A FORMDEF RESOURCE REQUIRED ENHANCED N_UP AND A CONFLICTING VALUE FOR
               THE DUPLEX PARAMETER WAS SPECIFIED.**

Explanation: When enhanced N_UP is requested, the DUPLEX parameter cannot be used to change from duplex
(specified in the form definition) to simplex or vice versa. The reason is that with enhanced N_UP, the Page Position
(PGP) Format two structured field specified the partition number and sheet side for each page placed on a sheet. If
the duplex value is changed from duplex to simplex or vice versa, ACIF does not have the information it needs to
place the pages. The only valid options for the DUPLEX parameter when enhanced N_UP is specified in the form
definition are:

• If the form definition requests normal or tumble duplex, you can specify either NORMAL or TUMBLE on the
  DUPLEX parameter.

• If the form definition requests simplex, you can specify NO on the DUPLEX parameter.

System action: ACIF stops processing the input file and issues a message identifying the position of the structured
field in the file or resource.

User response: Resubmit the job without specifying the DUPLEX parameter.

System programmer response: No action is required.

APK244I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE *structuredfield* STRUCTURED FIELD CONTAINS TOO MANY REPEATING GROUPS.

Explanation: The structured field contains more repeating groups than are allowed. The structured field in which the error appears can be in a resource environment group, a composed text page, an overlay, or a page definition.

System action: If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

If this error occurs in a composed text page, PSF stops processing the current page. PSF attempts to find the end of the current page and resume printing on the next page. If unable to find the end of the current page, PSF stops printing the data set.

PSF issues additional messages identifying the processing environment in which the error was found.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK245I   A COMPLEX IM IMAGE OBJECT CONTAINS INVALID OR INCORRECT DATA. THE COMPLEX IM IMAGE OBJECT CANNOT BE CONVERTED TO AN IO IMAGE OBJECT.

Explanation: This message is issued when ACIF converts a complex IM image object to an IO image object and the image size is not large enough to contain the image raster data from the IRD structured fields. This message is issued when the default IMAGEOUT=IOCA parameter is specified. This message is issued if either of these are true:

- The XCSize or YCSize parameter value of the ICP structured field is larger than the calculated image X size or Y size, respectively.
- The XCOset plus XFilSize parameter values or the YCOset plus YFilSize parameter values of the ICP structured field are larger than the calculated image X size or Y size, respectively.

When ACIF converts a complex IM image object to an IO image object, ACIF calculates the image size by subtracting the X and Y image origins from the X and Y page sizes. The X and Y image origins are from the Xoa0set and Yoa0set parameter values of the IOC structured field. The X and Y page sizes are from the XpgSize and YpgSize parameter values of the PGD structured field, if the image object is contained in a MO:DCA-P file or overlay, or is embedded in a file containing line data. For an image object in a page segment, the X and Y page sizes used by ACIF are 2040 and 2640 respectively. The IOC and ICP structured fields are contained in a MO:DCA-P file, overlay, or page segment, or are embedded in a file containing line data. The PGD structured field is contained in a MO:DCA-P file, overlay, or page definition.

System action: ACIF terminates.

User response: Specify EXTENSIONS=CELLED and IMAGEOUT=ASIS to see if the error is corrected. Otherwise, if you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to Mixed Object Document Content Architecture Reference for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK250S   DATA IN A PAGE OR RESOURCE IS MISSING: THE REQUIRED STRUCTURED FIELD *structuredfield* COULD NOT BE FOUND TO COMPLETE THE PROCESSING OF A PAGE OR RESOURCE.

Explanation: The structured field identified in this message is required to complete the processing of a page or resource. This structured field was not found before the end of the page or resource was encountered.

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System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK251S   **DATA IN A FORMDEF RESOURCE IS MISSING: THE FORMDEF DOES NOT CONTAIN ANY MEDIUM MAPS.**

Explanation: The form definition did not specify any medium maps; however, a medium map is required to print a page.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK253S   **DATA IN A FORMDEF RESOURCE IS INVALID: THE PRINT QUALITY VALUE IN MMC STRUCTURED FIELD, ID** *identifier*, **IS NOT ACCEPTABLE.**

Explanation: The Medium Modification Control (MMC) structured field specified a print quality value of 0, which is outside the valid range. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK254S   **DATA IN A FORMDEF RESOURCE IS INVALID: THE OFFSET STACKING VALUE IN MMC STRUCTURED FIELD, ID** *identifier*, **IS NOT ACCEPTABLE.**

Explanation: The Medium Modification Control (MMC) structured field specified an offset stacking value other than 0 or 1. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK258S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID:** *structuredfield* **STRUCTURED FIELD IS NOT ALLOWED BETWEEN OBJECTS.**

Explanation: The structured field identified in this message is not allowed at the point in the input data stream or resource at which it was found.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK259I   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE X-DIRECTION AND Y-DIRECTION L-UNITS PER UNIT BASE VALUES SPECIFIED IN STRUCTURED FIELD** *structuredfield* **DO NOT MATCH.**

Explanation: The X-direction and Y-direction L-Units per Unit Base values in the structured field identified in the message are not identical.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: None.

APK260S   **THE OBJECT SPECIFIED WITH THE** *structuredfield* **STRUCTURED FIELD IS NOT SUPPORTED ON THIS PRINTER.**

Explanation: PSF has encountered a valid AFP object that is not supported by the printer. The object is identified either by its Begin structured field, by an Invoke structured field, such as Include Page Overlay (IPO), or by an OTH record (object container without MO:DCA-P structured fields wrapping the data).

System action: If the object or Invoke structured field is embedded in a page or overlay, PSF ignores the object and continues processing the current page or overlay.

If the Begin structured field, the Invoke structured field, or the OTH record is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set.

User response: To print the object type indicated in the message, submit the print job to a printer that supports the object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System programmer response: Delete the unsupported object type from the separator page data set for this printer.

APK261S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD** *structuredfield* **CONTAINED A CODED-FONT-LOCAL-IDENTIFIER VALUE THAT WAS USED IN A PREVIOUS FONT MAPPING STRUCTURED FIELD.**

Explanation: One or more font mapping structured fields in the same active environment group or object environment group used the same coded font local identifier for different coded fonts. The Map Coded Font (MCF) structured field that attempted to use the already-mapped coded font local identifier is identified in the message. The MCF structured field can be contained in a composed-text print data set, an overlay, or a page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you were printing a composed-text print data set or an overlay, and you created the structured fields in the object containing the error, check the Coded Font Local Identifiers in the MCF structured field for duplicates. If the MCF structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields in the object containing the error, contact your system programmer.

If you were printing a data set containing line data using a page definition, and if you created the structured fields for the page definition, check the Coded Font Local Identifiers in the MCF structured field for duplicates. If the MCF structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field.

System programmer response: None.

APK262S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD *structuredfield* CONTAINS AN INVALID ROTATION VALUE.

Explanation: The rotation value specified in the named structured field was not valid.

System action: ACIF stops processing the print data set. ACIF issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK263S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: OVERLAY *overlayname* NAMED IN AN IPO STRUCTURED FIELD IS NOT NAMED IN AN MPO STRUCTURED FIELD.

Explanation: An Include Page Overlay (IPO) structured field names a page overlay, but the overlay was not previously defined in the Map Page Overlay (MPO) structured field in the Active Environment Group (AEG) of the page, which contains the IPO. The MPO might be contained in the AEG of a composed-text page or a page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If the MPO indicates that this overlay is for annotation only, create another MPO structured field in the AEG that defines the page overlay. If you are using the input data to define the name of your page overlay and your input data is ASCII, this error can occur because the resource name in the MPO is EBCDIC. If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you use a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK264S   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A RESOURCE MAPPED BY A *structuredfield* STRUCTURED FIELD IN AN OBJECT ENVIRONMENT GROUP IS NOT NAMED IN THE ACTIVE ENVIRONMENT GROUP OF THE PAGE OR RESOURCE.

Explanation: A structured field in an object environment group names a resource. However, that resource is not

defined in the structured field in the active environment group of the page or resource containing the object environment group.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource. ACIF stops processing and printing the data set.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK267S   EITHER NO ENVIRONMENT GROUP WAS SPECIFIED FOR THE PAGE OR AN ERROR OCCURRED IN THE ENVIRONMENT GROUP.

Explanation: Either no environment group was specified, or an error occurred in one of the structured fields in the environment group. If an environment group was present but contained an error, a previous ACIF message identifies the error. The environment group causing this error might be contained in an overlay, a page definition, or a composed-text print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK268S   AN ENTRY IN AN MCF STRUCTURED FIELD DOES NOT CONTAIN CODE PAGE INFORMATION.

Explanation: One of the repeating groups in a Map Coded Font Format 2 (MCF-2) structured field specifies a font character set but no code page information. This error was detected while processing a graphics object within a page or overlay.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the object, correct the error and resubmit the print request. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK269S   A VALUE OF ZERO WAS SPECIFIED AS THE L-UNITS PER UNIT BASE IN THE *structuredfield* STRUCTURED FIELD.

Explanation: Several structured fields specify an L-Units per Unit Base value: Medium Descriptor (MDD), Page Descriptor (PGD), Presentation Text Descriptor (PTD-2), Object Area Descriptor (OBD), Graphics Data Descriptor (GDD), Image Data Descriptor (IDD), Barcode Data Descriptor (BDD), and Image Input Descriptor (IID). The value of zero is not valid for the L-Units per Unit Base.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for information about the structured fields. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System programmer response: None.

APK270S   DATA IN A PAGEDEF RESOURCE IS MISSING: THE PAGEDEF DOES NOT CONTAIN ANY DATA MAPS.

Explanation: The page definition did not specify any data maps and a data map is required to print a data set containing line data.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK271S   DATA IN A FORMDEF RESOURCE IS INVALID: THE DUPLEX SPECIFICATION IN THE PGP STRUCTURED FIELD IS NOT ACCEPTABLE.

Explanation: The duplex specification value in the Page Position (PGP) structured field is not acceptable. The PGP structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK272S   DATA IN A FORMDEF RESOURCE IS INVALID: THE PGP STRUCTURED FIELD DOES NOT CONTAIN A PAGE ORIGIN POSITION FOR THE FRONT SIDE OF A SHEET.

Explanation: The Page Position format-2 (PGP) structured field must contain a repeating group that defines the Page Origin Position for the front side. This value will also be used for the back side of a duplex sheet unless the PGP structured field contains a repeating group that specifies the Page Origin Position for the back side of the sheet. The PGP structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK273S   DATA IN A FORMDEF RESOURCE IS INVALID: THE CONSTANT FORMS CONTROL VALUE IN THE MMC STRUCTURED FIELD ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The Constant Forms Control modification in the Medium Modification Control (MMC) structured field contained an unsupported value. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK274S   DATA IN A FORMDEF RESOURCE IS INVALID: THE MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDE CONFLICTING CONSTANT FORMS CONTROL VALUES FOR THE SAME SIDE OF THE SHEET.

Explanation: All Medium Modification Control (MMC) structured fields referenced by the Medium Copy Count (MCC) structured field must use the same Constant Forms Control value for the same side of a sheet. The MMC and MCC structured fields are contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK275S   DATA IN A FORMDEF RESOURCE IS INVALID: A MEDIUM MAP SPECIFIES ONLY CONSTANT DATA FOR A PAGE.

Explanation: An attempt was made to process a page using a medium map specifying Constant Forms Control for both the front and back sides of a duplexed page or for the front side of a simplexed page. Another medium map must be invoked to allow processing of the remaining line or page data. The Constant Forms Control is contained in a Medium Modification Control (MMC) structured field. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK278S   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE MAPPING OPTION SPECIFIED IN THE *structuredfield* IS INCORRECT OR UNSUPPORTED.

Explanation: The structured field in error contained an incorrect Mapping Option value or the printer does not support the Mapping Option value. The structured field could be contained in a bar code object, graphics object, image object, or object container object, or it could be an IOB structured field with a bad mapping option triplet. The

bar code object, graphics object, image object, or IOB can be contained in an overlay, MO:DCA-P page, or embedded in line data. The graphics object can be contained in a composed-text print data set or an overlay, or embedded in a data set containing line data. The image object can be contained in a composed-text print data set, an overlay, or a page segment, or embedded in a data set containing line data.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the object, correct the error and resubmit the print request. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK289I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE FONT SCALING SIZE VALUE SPECIFIED IN AN MCF STRUCTURED FIELD IS NOT ACCEPTABLE.

Explanation: The value specified for either the font vertical scale factor, the horizontal scale factor, or the font width is not within the acceptable range of 0 to 32767.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to Mixed Object Document Content Architecture Reference for more information about the correct format of the referenced structured field. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program is valid. If the input is valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK299I   AN IM IMAGE OBJECT CONTAINS INVALID OR INCORRECT DATA. THE IM IMAGE OBJECT CANNOT BE CONVERTED TO AN IO IMAGE OBJECT.

Explanation: This message is issued when ACIF converts an IM image object to an IO image object and one of the image size values is zero. For a simple IM image object, this message is issued if either the XSize or YSize parameter value of the Image Input Descriptor (IID) structured field is zero. For a complex IM image object, this message is issued if one of the XCSize, YCSize, XFilSize, or YFilSize parameter values of the Image Cell Position (ICP) structured field is zero. When ACIF processes a page segment in an inline resource group, the resource is converted from an IM1 image to an IOCA image unless the IMAGEOUT=ASIS parameter is specified. This message is issued if the application later includes the page segment in a page or overlay with a non-zero orientation or with L-units other than 1440 per inch.

System action: ACIF stops processing the print data set.

User response: Correct the error and resubmit the request.

System programmer response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program is valid. If the input is valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK300I   DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SKIPPING PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS 0.

Explanation: The current record contains a control character that indicates a skip to a Line Descriptor (LND) structured field with a specific channel control. However, the LND structured field identified in this message had a value of 0 in its NEXT LINE DESCRIPTOR IF SKIPPING parameter. The LND structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK301S **DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SKIPPING PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER** *number* **IS** *parametervalue*. **THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF** *parametervalue*.

Explanation: In the Line Descriptor (LND) structured field identified in this message, the value of the next LND IF SKIPPING parameter is greater than the total number of LND structured fields in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK307S **DATA IN A PAGEDEF RESOURCE IS INVALID: IN LND STRUCTURED FIELD NUMBER** *number*, **THE REUSE RECORD FLAG WAS SET BUT THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER WAS 0.**

Explanation: In the Line Descriptor (LND) structured field identified in this message, the Reuse Record flag had a value of B'1', indicating that the data being processed in this LND structured field should be reused and processed. The NEXT LINE DESCRIPTOR IF REUSING DATA parameter should point to the LND structured field used to continue processing. However, the value for the REUSING DATA parameter was X'0000', indicating the end of the chain. The LND structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK309S **DATA IN A PAGEDEF RESOURCE IS INVALID: THE REPEATING GROUP LENGTH PARAMETER VALUE IN CCP STRUCTURED FIELD** *ccpidentifier* **IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the LENGTH OF REPEATING GROUPS parameter is zero, or the length of the repeating group data is not a multiple of the size specified in that parameter. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK310S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE COUNT PARAMETER VALUE IN THE LNC STRUCTURED FIELD WAS 0.

Explanation: The COUNT parameter in the Line Descriptor Count (LNC) structured field had a value of zero. The LNC structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK312S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE SIZE PARAMETER VALUE IN THE FDS STRUCTURED FIELD WAS 0.

Explanation: The SIZE parameter in the Fixed Data Size (FDS) structured field has a value of 0. The FDS structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK314S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE NUMBER OF REPEATING GROUPS PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the NUMBER OF REPEATING GROUPS parameter contained in the CCP structured field is zero, or the number of repeating groups does not match the number specified in the parameter. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK315S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SPACING
PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS 0.

Explanation: The logical-record control character indicates that the NEXT LINE DESCRIPTOR IF SPACING
parameter should be followed. However, in the Line Descriptor (LND) structured field identified in this message, the
NEXT LINE DESCRIPTOR IF SPACING parameter value was zero. The LND structured field is contained in the page
definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program
to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

APK316S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SPACING
PARAMETER IN LND STRUCTURED FIELD NUMBER *number* IS *parametervalue*. THIS VALUE IS
TOO LARGE.

Explanation: The logical record control character indicates that the NEXT LINE DESCRIPTOR IF SPACING
parameter in the Line Descriptor (LND) structured field should be followed. However, in the Line Descriptor (LND)
structured field identified in this message, the NEXT LINE DESCRIPTOR IF SPACING parameter value was greater
than the total number of line descriptors in the data map. The LND structured field is contained in the page
definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program
to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

APK317S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE LENGTH OF COMPARISON STRING
PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the LENGTH
OF COMPARISON STRING parameter is zero, or the length of the comparison string data does not match the length
of a repeating group minus the fixed lengths of the remaining fields of the repeating group. The CCP structured field
is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program
to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

APK319I   DATA IN A PAGEDEF RESOURCE IS NOT VALID: LND, RCD, OR XMD STRUCTURED FIELD
NUMBER *number* HAS A NULL VALUE SPECIFIED IN THE SUPPRESSION TOKEN NAME
PARAMETER. A NULL VALUE IS NOT VALID.

Explanation: The SUPPRESSION TOKEN NAME parameter in the Line Descriptor (LND), Record Descriptor (RCD),
or XML Descriptor (XMD) structured field in the page definition has a null value. A null value is any value that
contains X'FFFF' in the first two bytes.

System action: PSF stops processing the current data set and issues additional messages that identify the processing
environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to
create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator
pages or the message data set, use the information provided in the User Response section to correct the error.

APK320S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE IDENTIFIER *identifier1* SPECIFIED IN THE
NEXT CCP IDENTIFIER PARAMETER IN CCP STRUCTURED FIELD *identifier2* WAS NOT
FOUND.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The NEXT
CONDITIONAL PROCESSING CONTROL IDENTIFIER parameter in the CCP structured field specifies the identifier
used to locate a CCP, if the CCP structured fields are chained. The identifier must match a value specified in the CCP
IDENTIFIER parameter of another CCP within the same page definition. The identifier specified in the NEXT CCP
IDENTIFIER parameter did not match the CCP IDENTIFIER of any CCPs in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program
to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

APK321S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE TIMING OF ACTION PARAMETER VALUE
value IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The TIMING OF
ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP
structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print
request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about
the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program
to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page
definition with the error, verify that the input to that program was valid. If the input was valid, refer to your
system's diagnosis reference for assistance in determining the source of the problem.

APK322S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE MEDIUM MAP ACTION PARAMETER VALUE *value* **IN CCP STRUCTURED FIELD** *ccpidentifier* **IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The MEDIUM MAP ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK323S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA MAP ACTION PARAMETER VALUE *value* **IN CCP STRUCTURED FIELD** *ccpidentifier* **IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The DATA MAP ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK324S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE COMPARISON PARAMETER VALUE *value* **IN CCP STRUCTURED FIELD** *ccpidentifier* **IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The COMPARISON parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK326S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA MAP *datamapname* **SPECIFIED IN THE DATA MAP NAME PARAMETER OF CCP STRUCTURED FIELD** *ccpidentifier* **WAS NOT FOUND.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The DATA MAP NAME parameter in one of the repeating groups of the CCP structured field specifies the token name of a data map used to locate a data map in the page definition. The name must match the value specified in the TOKEN NAME parameter in one of the Begin Data Map (BDM) structured fields in the current page definition. No data map with name *datamapname* was found in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK327S	DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The NEXT LINE DESCRIPTOR IF REUSING DATA parameter in the Line Descriptor (LND) structured field identified in this message caused an infinite-loop condition. The LND structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK329S	DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS *parametervalue1*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *parametervalue2*.

Explanation: The NEXT LINE DESCRIPTOR IF REUSING DATA parameter in the Line Descriptor (LND) structured field identified in this message has an incorrect value. The value is greater than the COUNT parameter in the Line Descriptor Count (LNC) structured field in the current data map. The LNC and LND structured fields are contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK330I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: WHEN THE DATA START POSITION VALUE IS ADDED TO THE DATA LENGTH VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*, IT EXCEEDS THE FDS STRUCTURED FIELD SIZE VALUE OF *parametervalue*.

Explanation: The Use Fixed Data flag in byte 0 in the Line Descriptor (LND) structured field, in byte 11 in the Record Descriptor (RCD) structured field, or in byte 1 in the XML Descriptor (XMD) structured field was set to B'1'. This indicates that data from Fixed Data Text (FDX) structured fields is to be added to the data placed within the page by the LND, RCD, or XMD structured field. The FDX, XMD, RCD, and LND structured fields are in the page definition.

The DATA START POSITION parameter in the LND, RCD, or XMD structured field indicates the offset of the first byte of data. The DATA LENGTH parameter specifies how many bytes of FDX are to be placed within the page. This

error was caused when these two parameters specified more data than the FDX structured fields contain. The number of bytes of data in the FDX structured fields can be found in the SIZE parameter of the Fixed Data Size (FDS) structured field.

System action: PSF stops processing the current data set, and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the infomation provided in the User Response section to correct the error.

APK334S   **DATA IN A PAGEDEF RESOURCE IS INVALID: THE AMOUNT OF FIXED DATA RECEIVED DID NOT AGREE WITH THE VALUE SPECIFIED IN THE FDS STRUCTURED FIELD SIZE PARAMETER.**

Explanation: The Fixed Data Text (FDX) structured field contained more bytes of data than what was indicated in the SIZE parameter of the Fixed Data Size (FDS) structured field. The FDS and FDX structured fields are contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK335S   **DATA IN A PAGEDEF RESOURCE IS INVALID: THE MEDIUM MAP *mediummapname* SPECIFIED IN THE MEDIUM MAP NAME PARAMETER OF CCP STRUCTURED FIELD *ccpidentifier* WAS NOT FOUND.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The MEDIUM MAP NAME parameter in one of the repeating groups of the CCP structured field specifies the token name of a medium map used to locate a medium map in the form definition. The name must match the value specified in the TOKEN NAME parameter in one of the Begin Medium Map (BMM) structured fields in the current form definition. No medium map with name *mediummapname* was found in the form definition. The CCP structured field is contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK337I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*, THE CONDITIONAL PROCESSING FLAG WAS SET BUT THE CONDITIONAL PROCESSING CONTROL IDENTIFIER WAS ZERO.

Explanation: In the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the Conditional Processing flag had a value of B'1', indicating that the line data to be processed by this LND, RCD, or XMD structured field is to be compared with a value specified in a Conditional Processing Control (CCP) structured field. The CCP IDENTIFIER parameter in the LND, RCD, or XMD structured field is used to find one of the CCP structured fields in the current page definition. This parameter was set to 0, which is not a valid value if the Conditional Processing flag is on. The LND, RCD, XMD, and CCP structured fields are in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK339I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE IDENTIFIER *identifier* SPECIFIED IN THE CONDITIONAL PROCESSING CONTROL IDENTIFIER PARAMETER IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* WAS NOT FOUND.

Explanation: In the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the Conditional Processing flag had a value of B'1', indicating that the line data to be processed by this LND, RCD, or XMD structured field is to be compared with a value specified in a Conditional Processing Control (CCP) structured field. The CCP IDENTIFIER parameter in the LND, RCD, or XMD structured field is used to find one of the CCP structured fields in the current page definition. However, the identifier specified in the LND, RCD, or XMD structured field identified in this message does not match the value specified in the CCP IDENTIFIER parameter in any of the CCP structured fields in the current page definition. The LND, RCD, XMD, and CCP structured fields are in the page definition.

System action: PSF stops processing the current data set and issues aadditional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK340I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING PARAMETER VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* IS *value1*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *value2*.

Explanation: The NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING parameter in the Line Descriptor (LND), Record Format Descriptor (RCD), or XML Descriptor (XMD) structured field has an incorrect value. The value is greater than the COUNT parameter in the Line Descriptor Count (LNC) structured field in the current data map. The LNC, LND, RCD, and XMD structured fields are contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK342I   DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING PARAMETER VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING parameter in the Line Descriptor (LND), Record Format Descriptor (RCD), or XML Descriptor (XMD) structured field caused an infinite-loop condition. The LND, RCD, and XMD structured fields are in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK343I   DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: RELATIVE POSITIONING PLACED DATA OUTSIDE THE LOGICAL PAGE IN THE NEGATIVE Y DIRECTION. THE PRIOR AND CURRENT LND, RCD, OR XMD STRUCTURED FIELD NUMBERS ARE: *priornumber* AND *currentnumber*.

Explanation: When relative positioning is being used on a Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the relative position specified for the Y direction can be a negative value. The current LND, RCD, or XMD position (*priornumber*) defines the baseline position from which the relative offset of the current LND, RCD, or XMD is measured.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK344S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE NUMBER OF LND STRUCTURED FIELDS DOES NOT MATCH THE VALUE SPECIFIED IN THE LNC STRUCTURED FIELD.

Explanation: The number of Line Descriptor (LND) or Record Descriptor (RCD) structured fields found in a page definition is either greater than or less than the value specified in the Line Descriptor Count (LNC) structured field. The LND, RDC, and LNC structured fields are in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which the error occurred.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and

Advanced Function Presentation: Programming Guide and Line Data Reference for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK346W	**DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS INVALID: A SKIP TO A NONEXISTENT CHANNEL =** *channel* **ON RECORD NUMBER =** *recordnumber* **WAS DETECTED WITHIN THE LND STRUCTURED FIELDS. OUTPUT WAS FORCED TO SINGLE SPACING, WHICH MAY CAUSE BLANK PAGES.**

Explanation: An attempt was made to skip to a channel not defined in the current data map. The Line Descriptor (LND) structured fields in the page definition are incorrect. During scanning, the entire NEXT LINE DESCRIPTOR IF SKIPPING parameter could not be followed because an LND had the End Page If Skipping flag set. This created an infinite loop on the same input record. The LND structured field is contained in the page definition.

System action: The record containing the error was forced to single spacing. When forced single spacing occurs, the carriage control character on the record is ignored. The record is treated as if a X'09' machine control character or a X'40' ANSI control character was specified in the record that caused the error.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to *Advanced Function Presentation: Diagnosis Guide* for assistance in determining the source of the problem.

APK350S	**DATA IN A PAGEDEF RESOURCE IS INVALID: IN LND STRUCTURED FIELD NUMBER** *number*, **THE SHIFT-OUT CODED FONT LOCAL IDENTIFIER WAS NON-ZERO BUT THE GENERATE FONT CHANGE FLAG WAS NOT SET.**

Explanation: In the Line Descriptor (LND) or Record Descriptor (RCD) structured field identified in this message, the Shift-Out Coded Font Identifier was non-zero. The Generate Font Change flag should be set to indicate that the Primary Coded Font Local Identifier should be used whenever a shift-in code is processed. However, the Generate Font Change flag had a value of B'0'. The LND or RCD structured field is contained in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK352I	**DATA IN A PAGEDEF RESOURCE IS NOT VALID: BAR CODE GENERATION WAS REQUESTED ON LND, RCD, OR XMD STRUCTURED FIELD NUMBER** *number*, **BUT THE PRINTER DOES NOT SUPPORT BAR CODE OBJECTS.**

Explanation: A Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field in a page definition has requested PSF to generate a bar code object from the line data, but the printer does not support bar code objects.

System action: PSF ignores the request and continues processing the data set.

User response: To print the data set and have PSF generate bar code objects, submit the print job to a printer that

supports bar code objects. For more information about AFP printers that support bar code objects, refer to *Advanced Function Presentation: Printer Information*.

System programmer response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a bar code be generated.

APK353S DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA LENGTH PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* DOES NOT MATCH THE LENGTH OF COMPARISON STRING PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier*.

Explanation: In the Line Descriptor (LND) structured field, the value of the DATA LENGTH parameter is used in identifying the field of the current input record for which conditional processing is to performed. This field is to be compared with the Comparison String specified in the Conditional Processing Control (CCP) structured field. The length specified in the DATA LENGTH parameter in the LND structured field does not match the length specified in the LENGTH OF COMPARISON STRING parameter of the CCP structured field. The LND and CCP structured fields are contained in the page definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK355S DATA IN A PAGEDEF RESOURCE IS INVALID: A PAGE OVERLAY WAS REQUESTED IN LND OR RCD STRUCTURED FIELD *structuredfield*, BUT THE PRINTER DOES NOT SUPPORT PAGE OVERLAYS.

Explanation: An overlay has been requested by a Line Descriptor (LND) or Record Descriptor (RCD) structured field within the page definition, but the printer does not support page overlays.

System action: PSF terminates the page and continues processing the data set.

User response: To print the data set containing the page overlay, submit the print job to a printer that supports page overlays. For more information about AFP printers that support page overlays, refer to *Advanced Function Presentation: Printer Information*.

System programmer response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the page overlay from the page definition.

APK356S DATA IN A PAGEDEF RESOURCE IS INVALID: A PAGE SEGMENT OR OVERLAY WAS REQUESTED IN THE LND OR RCD STRUCTURED FIELD *structuredfield*, BUT THE INLINE OR BASELINE POSITION VALUES WERE SPECIFIED FOR THE LND OR RCD.

Explanation: If any resource object-include triplets are specified in the LND structured field, bits 2 and 3 of bytes 0–1 in the LND structured field must both be set. If any resource object-include triplets are specified in the RCD structured field, bits 2 and 3 of bytes 11–13 in the RCD structured field must both be set.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK359I   **AN INLINE MEDIUM MAP WAS ENCOUNTERED IN THE DATASET, BUT INLINE MEDIUM MAPS ARE NOT SUPPORTED.**

Explanation: A Begin Medium Map (BMM) structured field was encountered in the data stream after resources for the data set had been processed. ACIF does not support inline medium maps between pages. The data set might have been created by a program that creates inline medium maps, but a data set that contains inline medium maps cannot be printed.

System action: ACIF stops processing the print data set.

User response: Correct the error and resubmit the request.

System programmer response: See the I/O error message to determine an appropriate action.

APK364I   **THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT SELECT INPUT SOURCE VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.**

Explanation: The Medium Modification Control (MMC) structured field referenced by the Medium Copy Count (MCC) structured field repeating groups specify different input source or media type local ID values, along with either tumble or normal duplex. This is an attempt to print the front and back sides of a sheet from different input bins.

System action: The form definition containing the error is not used, and one of these occurs:
- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK366I   **DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: THE ORIENTATION USED WITH RELATIVE POSITIONING IS DIFFERENT THAN THE LAST ORIENTATION USED FOR PRINTING. THE PRIOR AND CURRENT LND, RCD, OR XMD STRUCTURED FIELD NUMBERS ARE:** *priornumber* **AND** *currentnumber*.

Explanation: When relative positioning is being used on a Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the text orientation field of the current LND, RCD, or XMD (*currentnumber*) must match the text orientation field of the LND, RCD, or XMD (*priornumber*) that was last used for positioning data. The prior LND, RCD, or XMD position defines the baseline position from which the relative offset of the current LND, RCD, or XMD is measured.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which the error occurred.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your

system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK367I   DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE OUTPUT OPTION SPECIFIED IN AN IOB STRUCTURED FIELD WITH RESOURCE LOCAL ID *identifier* IS NOT VALID OR IS UNSUPPORTED. THE IOB IS INCLUDED WITH LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*.

Explanation: The Include Object (IOB) structured field in error contained an Output Option value that is not valid, or the printer does not support the Output Option value. The IOB is included using the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field identified in this message. The IOB, LND, RCD, and XMD structured fields are contained in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK368S   DATA IN A PAGEDEF RESOURCE IS INVALID: THE RESOURCE LOCAL ID *identifier* SPECIFIED IN THE EXTENDED RESOURCE LOCAL ID TRIPLET ON LND STRUCTURED FIELD NUMBER *number* WAS NOT FOUND.

Explanation: In the Line Descriptor (LND) or Record Descriptor (RCD) structured field, and Extended Resource Local Identifier triplet specifies a local ID (*identifier*) of an Include Object (IOB) structured field that is to be used to include an object when this LND or RCD is used for printing. The identifier specified on the LND or RCD does not match any of the IOB structured fields in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK369S   STRUCTURED FIELD *structuredfield* HAS AN INCORRECT OBJECT CLASS VALUE IN AN OBJECT CLASSIFICATION TRIPLET.

Explanation: The Object Classification (X'X'10'') triplet in the structured field specified in the message has an incorrect object class value. Possible incorrect class values for each structured field are:

• Map Data Resource (MDR)

   – Non-presentation object container is included in a repeating group.

   – Object container or IOCA embedded in a page or overlay has a data object font mapped in the Object Environment Group.

• Include Object (IOB) or Preprocess Presentation Object (PPO)

• Non-presentation object container, data object font (DOF), or non-DOF secondary resource is specified.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to Mixed Object Document Content Architecture Reference and Advanced Function Presentation: Programming Guide and Line Data Reference for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program is valid. If the input is valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK380S THE REGISTRATION ID (*identifier*) OF AN OBJECT CONTAINER RESOURCE, NAME *resourcename* OR OBJECT OID *objectoid*, DOES NOT MATCH THE CORRESPONDING REGISTRATION ID FOR THE INVOKING JCL KEYWORD OR STRUCTURED FIELD.

Explanation: An object container resource was requested through a JCL keyword or an IOB or MDR structured field, but the object classification triplet in the Begin Object Container structured field did not have the corresponding registration ID. For a list of registration IDs and their assumed functions, refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference*. A value of *** means that the resource name or object OID was not specified.

System action: If the object container was called out by JCL, PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred. If the object container was included by an IOB or MDR structured field, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set.

User response: If you created the structured fields for the object container resource, ensure that the registration ID corresponds to the keyword used to invoke the resource or the registration ID specified in the object classification triplet specified on the IOB or MDR structured field.

System programmer response: If an IBM licensed program was used to create the structured fields for the object container that contains the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK381S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE REGISTERED OBJECT ID IN THE OBJECT CLASSIFICATION TRIPLET ON A *structuredfield* STRUCTURED FIELD IS NOT SPECIFIED.

Explanation: The registered object ID is 0 in the object classification triplet. Object containers require a registered ID to be specified.

System action: If the structured field is included in an object embedded in a page or overlay, or the structured field is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. For non-presentation object containers, PSF stops printing the data set.

If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. PSF issues a message that identifies the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User response: If you created the structured fields, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured field with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK384S   DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES CONFLICTING PRESENTATION SYSTEM SETUP ID VALUES.

Explanation: Multiple MMC structured fields referenced by the MCC structured field do not use the exact same set of Presentation System Setup ID values.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the form definition, correct the MCC structured field. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK385S   DATA IN A FORMDEF RESOURCE IS INVALID: THE MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD *structuredfield* **INCLUDE UNPAIRED** *keyword1* **AND** *keyword2* **KEYWORDS.**

Explanation: The keywords must be paired in the Medium Modification Control (MMC) structured field. This form definition has one or the other keyword but not both, or the keyword pairs are not adjacent. The MMC structured field is contained in the form definition.

System action: The form definition containing the error is not used, and one of these occurs:

- PSF is not started if the form definition containing the error is defined in the PSF startup procedure. The form definition resources defind in the PSF startup procedure are for separator pages, for the message data set, and for the default form definition resource for user print data sets.

- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK386S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: A REQUIRED TRIPLET with ID *identifier* **WAS MISSING FROM AN IOB STRUCTURED FIELD.**

Explanation: When identifier is:

X'4C'   The x- or y-axis origin for object content or an object area size (X'4C') triplet was specified on an IOB, but no measurement unit (X'4B') triplet was specified. The structured field is contained in a print data set or overlay.

X'22'   The Extended Resource Local Identifier (X'22') triplet is required when the IOB structured field is contained in a page definition.

System action: If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. Otherwise, PSF terminates the page or overlay containing the structured field in error. PSF attempts to locate the end of the current page and resumes processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment when the error was found.

User response: If you placed the IOB structured field in the print data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured

field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System programmer response: If an IBM licensed program was used to place the IOB structured field in the print data set or overlay, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK387S   **DATA IN AN INPUT RECORD IS INVALID: A PARAMETER IN AN IOB STRUCTURED FIELD CONTAINS UNACCEPTABLE DATA.**

Explanation: One of the parameters in the Include Object (IOB) structured field is not valid. The object type specified is not supported or is not valid or the x or y offset of the object area or the rotation value are not explicitly specified when the reference coordinate system is set to X'00'. The IOB structured field is contained in the print data set or an overlay.

System action: ACIF stops processing the input data set.

User response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System programmer response: No action is required

APK388S   **DATA IN A PAGE SEGMENT IS INVALID:** *structuredfield* **STRUCTURED FIELD IS NOT ALLOWED IN A PAGE SEGMENT INCLUDED WITH AN IOB.**

Explanation: Only MO:DCA-P page segments are allowed to be included with an IOB structured field. MO:DCA-P page segments cannot contain IM1 image or PTOCA data.

System action: ACIF stops processing the input data set.

User response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System programmer response: No action is required

APK389S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE FONT RESOLUTION AND METRIC TECHNOLOGY TRIPLET SPECIFIES AN INCORRECT VALUE.**

Explanation: There is an incorrect value specified for the metric technology, the unit base, or the units per unit base field in the Font Resolution and Metric Technology triplet (X'84'). The triplet is specified on a Map Coded Font (MCF) structured field, which can be in an print data set or overlay.

System action: ACIF stops processing the print data set.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the job to ACIF. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK390S   **DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE** *structuredfield* **STRUCTURED FIELD CONTAINS A** *triplet* **TRIPLET THAT HAS AN INVALID VALUE. THE INVALID VALUE STARTS IN BYTE** *byte* **OF THE TRIPLET.**

Explanation: An incorrect value was specified for a field that starts in byte offset of the triplet identified in this message. The triplet is specified on the structured field identified in this message.

System action: If the error occurred in a form definition, a page definition, or a non-presentation object container

resource (for example, COMSETUP), the form definition, page definition, or non-presentation object container resource is not used, and one of these occurs:

- PSF is not started for any of these:
  - The default form definition
  - A form definition specified for printing messages or separator pages
  - A page definition specified for printing messages or separator pages

- PSF cannot begin printing the data set for a form definition or non-presentation object container resource (or page definition if printing line date) specified on a user's OUTPUT JCL statement; PSF tries to print the next data set. If the error occurred in a structured field in a page or another type of resource, PSF attempts to find the end of the page or resource. If PSF can find the end of the page or resource, it prints any data accumulated for the current page. If PSF cannot find the end of the page or resource, the data set is terminated.

PSF issues a message identifying the position of the structured field in the data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User response: If you created the structured fields for the object, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK392I   DATA IN A FORMDEF RESOURCE IS NOT VALID: THE SCOPE VALUE IN THE MFC IS NOT VALID. EITHER DOCUMENT LEVEL OR PRINT FILE LEVEL FINISHING WAS SPECIFIED IN THE MEDIUM MAP OR MEDIUM LEVEL FINISHING WAS SPECIFIED IN THE DEG.

Explanation: Either a Document Environment Group (DEG) or a medium map in the current form definition contains a Medium Finishing Control (MFC) structured field with an incorrect value specified for the scope. System action: The MFC is ignored and processing continues. ACIF might issue additional messages identifying the processing environment in which the error occurred.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. See Mixed Object Document Content Architecture Reference and Advanced Function Presentation: Programming Guide and Line Data Reference for more information about the structured field. If the structured field has no error, the problem might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program is valid. If the input is valid, report the problem to your service representative.

APK393I   THE INPUT BIN SPECIFIED IN THE MMC STRUCTURED FIELD OR ON THE OUTPUT STATEMENT IS AN INSERTER BIN AND IS DISABLED. AN ALTERNATIVE BIN WAS SUBSTITUTED.

Explanation: The Medium Modification Control (MMC) structured field or the output statement requested an input bin that is supported by the printer but is disabled. This bin is an inserter bin. The MMC structured field is contained in the form definition. The output statement is in the JCL.

System action: ACIF continues processing, selecting paper from an alternative bin. The inserter pages are blank sheets from the alternative bin.

User response: If the output is not acceptable, submit the print request to a printer that has the specified bin available, or ensure that the bin is enabled on the original printer before resubmitting the print request.

System programmer response: No action is required

APK395I   **A FORMDEF RESOURCE REQUESTED A MEDIA EJECT CONTROL TO THE NEXT BACK-SIDE AND DUPLEX=NO WAS SPECIFIED ON THE OUTPUT STATEMENT.**

Explanation: When a media eject control to the next back-side is specified in a form definition, the DUPLEX=NO keyword on the OUTPUT statement cannot be used to change from duplex (specified in the form definition) to simplex. The reason is that an incompatible request is being made; you cannot eject to the next back-side when simplexing.

When a media eject control to the next back-side is specified in the form definition and the form definition requests normal or tumble duplex, the only valid option for the duplex keyword is to specify either DUPLEX=NORMAL or DUPLEX=TUMBLE on the OUTPUT statement.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: Resubmit the job without requesting the duplex keyword on the OUTPUT statement.

System programmer response: None.

APK396I   **DATA IN A FORMDEF RESOURCE IS INVALID: THE OUTPUT BIN SELECTION VALUE IN MMC STRUCTURED FIELD, ID** *identifier*, **IS NOT ACCEPTABLE.**

Explanation: In the Medium Modification Control (MMC) structured field whose identifier is specified in the message text, the output bin selection parameter value was not valid. The MMC structured field is contained in the form definition.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK397I   **THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT OUTPUT BIN VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.**

Explanation: The Medium Modification Control (MMC) structured fields referenced by the Medium Copy Count (MCC) structured field repeating groups specify different output bin values along with either tumble or normal duplex. This is an attempt to place the front and back sides of a sheet into different output bins.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK398I   **DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD, ID** *identifier*, **INCLUDES DUPLICATE CONFLICTING VALUES FOR THE** *keyword* **KEYWORD.**

Explanation: The Medium Modification Control (MMC) structured field contains duplicate conflicting values for the keyword identified in the message text. The MMC structured field is in the form definition.

System action: ACIF issues this message and continues processing, ignoring the duplicate keyword.

User response: If you created the structured fields for the form definition, correct the MMC structured field and

resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK400S   THE *parameter* **NUMBER VALUE IS NOT NUMERIC.**

Explanation: A numeric value must be specified after the parameter.

System action: ACIF terminates.

User response: Use a numeric value after the parameter and resubmit the job.

System programmer response: No action is required

APK401S   THE *parameter* **NAME MUST BE DELIMITED WITH QUOTES.**

Explanation: The attribute name of the parameter must begin and end with single quotes.

System action: ACIF terminates.

User response: Use single quotes before and after the attribute name in the parameter.

System programmer response: No action is required

APK402S   THE PARAMETER *parameter* **IS INVALID.**

Explanation: A parameter that is not valid for ACIF was specified.

System action: ACIF terminates.

User response: Correct the parameter and resubmit the job.

System programmer response: No action is required

APK403S   THE REQUESTED RESOURCE *number* **IS UNKNOWN.**

Explanation: A resource I/O has been requested, but the resource type is unknown to ACIF. This condition is caused by an ACIF logic error. The resource type codes are listed below:

Type	Resource
1	Print input file
2	FORMDEF file
3	PAGEDEF file
4	OVERLAY file
5	SEGMENT file
6	Coded FONT file
7	Coded PAGE file
8	FONT Character Set file
9	FONT Metric file
10	FONT Shape file
20	Print output file
21	Messages output file
22	SPOOL file
23	Dummy input file
24	Dummy output file
25	Parameter file
26	Resource Object file

System action: ACIF terminates.

User response: Contact IBM Service.

System programmer response: No action is required

APK404S   THE ATTRIBUTE NAME USED IN *indexn* HAS AN IMPROPER USE OF QUOTES.

Explanation: An unpaired set of quotes was found in the attribute name for an **INDEX***n* parameter.

System action: ACIF terminates.

User response: Correct the **INDEX***n* parameter and resubmit the job.

System programmer response: No action is required

APK405S   A VALUE OF *value* IS INVALID FOR PARAMETER *parameter*.

Explanation: The value supplied for a parameter is not valid.

System action: ACIF terminates.

User response: Correct the parameter value and resubmit the job.

System programmer response: No action is required

APK406S   PARAMETER *parameter* HAS TOO MANY DATA SETS SPECIFIED.

Explanation: More than eight data sets have been supplied for the parameter.

System action: ACIF terminates.

User response: Correct the number of data sets and resubmit the job.

System programmer response: No action is required

APK407S   A RESTYPE PARAMETER OF *value* IS NOT VALID.

Explanation: A resource type of NONE was found with another value in the RESTYPE parameter. Examples of other values are: **FONT**, **OVLY**, **FDEF**, or **PSEG**. A resource type of **NONE** cannot be specified with another value.

System action: ACIF terminates.

User response: Correct the RESTYPE parameter and resubmit the job.

System programmer response: No action is required

APK408S   A VIRTUAL STORAGE REQUEST WAS UNSUCCESSFUL - REQUEST SIZE *storagerequestsize* RETURN CODE *returncode*.

Explanation: A GETMAIN macro made an unsuccessful attempt to obtain virtual storage. This message indicates the storage size and the return code from the system GETMAIN macro.

System action: ACIF terminates.

User response: Increase the REGION size and resubmit the job.

System programmer response: To interpret the GETMAIN return code, refer to the documents about application development macros for your operating system.

APK409S   A DDNAME FOR *parameter* WAS NOT SUPPLIED. *default* WAS USED.

Explanation: No DD name was specified for either the **MSGDD** or the **PARMDD** parameter.

System action: If the missing DD name was **MSGDD**, the DD name assigned to **SYSPRINT** was used. If the missing DD name was **PARMDD**, the DD name assigned to **SYSIN** was used.

User response: If the DD name used was not acceptable, specify a DD name for the parameter and submit the job again.

System programmer response: No action is required

APK410S   AN ACIF STORAGE REQUEST WAS UNSUCCESSFUL - REQUEST SIZE *storagerequestsize requesttype* **RETURN CODE** *returncode*.

Explanation: An unsuccessful attempt was made to obtain or free ACIF subpool storage. This error message returns the following information:
- Storage request size
- Request type
- Return code

This error usually occurs when the system runs out of memory for one of the following reasons:
- There is insufficient memory to store page data. If the page size exceeds the total amount of storage, the conditional GETMAIN fails. The page size is determined by the number of print lines between two ASA "skip to line 1" carriage control characters.
- EXTENSIONS=RESORDER is specified, and there are too many inline resources for the amount of internal memory available.

Example:

AN ACIF STORAGE REQUEST WAS UNSUCCESSFUL - REQUEST SIZE 295, GETMAIN RETURN CODE 255.

System action: ACIF terminates.

User response: No action is required

System programmer response: Use the information that is provided in the message to correct the error and resubmit the job.

Example: Check that the carriage control and carriage control type are correctly specified in the input parameters.

APK411S   AN ERROR OCCURRED WHILE ATTEMPTING TO *action* **THE DDNAME** *ddname*, **RETURN CODE** *returncode*.

Explanation: The file I/O macro made an unsuccessful attempt to read from, write to, or close the named DD. The return codes are:

Return Code
	Description
0	Successful
1	Permanent I/0 error
2	Specified number of bytes is zero or negative
3	Incorrect data buffer address
4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid
20	Incorrect file ID
28	File not found
51	Length exceeds maximum
310	File format not valid

System action: ACIF terminates.

User response: Use the information provided in the return code to correct the problem.

System programmer response: No action is required

APK412W   **MODULE** *modulename* **HAS RETURNED WITH RETURN CODE** *returncode.*

Explanation: A non-zero return code has been returned from the called module. This message indicates that an abnormal occurrence has taken place in the called module. This message is informational and further action takes place in higher level modules if required.

System action: None; this message is for information only.

User response: See the accompanying message to determine a response.

System programmer response: No action is required

APK413S   **ATTEMPTED** *action* **RESOURCE FILE** *ddname*, **RESOURCE MEMBER NAME** *membername* **FAILED. RETURN CODE** *returncode*.

Explanation: An attempt to open, close, read, or write a resource failed. This message indicates that an abnormal occurrence has taken place in the called module. This message is informational and further action takes place in higher level modules if required.

Return Code
 Description
0   Successful
1   Permanent I/0 error
2   Specified number of bytes is zero or negative
3   Incorrect data buffer address
4   Address not word aligned
6   Incorrect FILE_CB@
7   Incorrect MODE parameter
8   Data record longer than LRECL or buffer
9   File is not supported type
10   Storage allocation/deallocation failed
11   Incorrect record number
12   End of file detected
13   Disk is full
14   RECFM not valid
20   Incorrect file ID
28   File not found
51   Length exceeds maximum
310   File format not valid

System action: None; this message is for information only.

User response: See the accompanying message to determine a response.

System programmer response: No action is required

APK414I   **THE FOLLOWING PARAMETERS WILL BE USED FOR THIS RUN:**

Explanation: This message is issued before APK415I to begin the listing of the parameters to be used for this run.

System action: None.

User response: No action is required

System programmer response: No action is required

APK415I   *parameter = value*.

Explanation: For this run, the parameter listed has been used with the associated value.

System action: None.

User response: No action is required

System programmer response: No action is required

APK416I   THESE PATHS HAVE BEEN SPECIFIED FOR *libraryname*.

Explanation: This message is issued before message APK417I and shows the resource type the data set or file type is specified for.

System action: None.

User response: No action is required

System programmer response: No action is required

APK417I   REQUEST FOR UNKNOWN MESSAGE

Explanation: ACIF tried to display an undefined message.

System action: ACIF stops.

User response: Report the problem to your service representative.

System programmer response: No action is required

APK418S   THE MAXIMUM RECORD ID WAS EXCEEDED.

Explanation: The current job contains more than 999999999 documents.

System action: ACIF terminates.

User response: Break the job up into a smaller number of documents.

System programmer response: No action is required

APK419S   USER *exittype* EXIT *programname* RETURNED CODE *returncode*.

Explanation: An input, output, or resource user exit program has returned a non-zero return code.

System action: ACIF terminates.

User response: Correct the error in the exit program and resubmit the job.

System programmer response: No action is required

APK420S   AN ERROR OCCURRED WHILE ATTEMPTING TO OPEN *dataset* RETURN CODE *returncode*.

Explanation: An attempt to open a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

	Description
0	Successful
1	Permanent I/0 error
2	Specified number of bytes is zero or negative
3	Incorrect data buffer address
4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid
20	Incorrect file ID
28	File not found
32	ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file **/usr/lib/nls/msg/en_US/acif.cat**
36	Default message catalog not accessible. Check permissions

51 Length exceeds maximum
310 File format not valid

System action: ACIF terminates.

User response: Use the information provided in the return code to correct the problem.

System programmer response: No action is required

APK421S **AN ERROR OCCURRED WHILE ATTEMPTING TO CLOSE** *dataset* **RETURN CODE** *returncode***.**

Explanation: An attempt to close a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

	Description
0	Successful
1	Permanent I/0 error
2	Specified number of bytes is zero or negative
3	Incorrect data buffer address
4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid
20	Incorrect file ID
28	File not found
32	ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file **/usr/lib/nls/msg/en_US/acif.cat**
36	Default message catalog not accessible. Check permissions
51	Length exceeds maximum
310	File format not valid

System action: ACIF terminates.

User response: Use the information provided in the return code to correct the problem.

System programmer response: No action is required

APK422S **AN ERROR OCCURRED WHILE ATTEMPTING TO READ** *dataset* **RETURN CODE** *returncode***.**

Explanation: An attempt to read a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

	Description
0	Successful
1	Permanent I/0 error
2	Specified number of bytes is zero or negative
3	Incorrect data buffer address
4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid

20	Incorrect file ID
28	File not found
32	ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file **/usr/lib/nls/msg/en_US/acif.cat**
36	Default message catalog not accessible. Check permissions
51	Length exceeds maximum
310	File format not valid

System action: ACIF terminates.

User response: Use the information provided in the return code to correct the problem.

System programmer response: No action is required

APK423S **AN ERROR OCCURRED WHILE ATTEMPTING TO WRITE** *dataset* **RETURN CODE** *returncode***.**

Explanation: An attempt to write a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

	Description
0	Successful
1	Permanent I/0 error
2	Specified number of bytes is zero or negative
3	Incorrect data buffer address
4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid
20	Incorrect file ID
28	File not found
32	ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file **/usr/lib/nls/msg/en_US/acif.cat**
36	Default message catalog not accessible. Check permissions
51	Length exceeds maximum
310	File format not valid

System action: ACIF terminates.

User response: Use the information provided in the return code to correct the problem.

System programmer response: No action is required

APK424I **PARAMETER 'RESFILE=PDS' IS ONLY VALID UNDER MVS, DEFAULTING TO 'RESFILE=SEQ'.**

Explanation: The supplied value for the **RESFILE** parameter is valid only for z/OS and MVS; it is incorrect for the AIX, Windows NT, VM, or VSE operating system.

System action: ACIF produces a sequential resource file.

User response: No action is required

System programmer response: No action is required

APK425S   USER *type* **EXIT** *program* **WAS NOT FOUND.**

Explanation: The input, output, or resource user exit program named on the exit's DD parameter does not exist.

System action: ACIF terminates.

User response: Correct your exit program and resubmit the job.

System programmer response: No action is required

APK426S   **PARAMETER MISMATCH: RESTYPE** *type* **SPECIFIED, BUT NO SUPPORTING LIBRARY DEFINITIONS WERE SUPPLIED.**

Explanation: The resource type *type* was specified on the RESTYPE parameter, but no DD parameter for that resource type was supplied in the ACIF parameter file.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK427I   **AN ERROR OCCURRED WITH FILEDEF** *filename*, **RETURN CODE = rc, THE DEFAULT OF** *filename filetype filemode* **FOR** *ddname* **WILL BE USED.**

Explanation: An incorrect *filename* was supplied. The defaults listed are used instead.

System action: ACIF continues.

User response: No action is required

System programmer response: No action is required

APK428S   **A** *resource* **HAS BEEN REQUESTED, BUT NO NAME WAS GIVEN.**

Explanation: The resource listed in the message was requested to be handled by ACIF, but the name to get was not passed to ACIF. This condition is caused by an ACIF logic error.

System action: ACIF terminates.

User response: Contact IBM Service.

System programmer response: No action is required

APK431S   **INDEXING WITH MASK PARAMETER IS NOT SUPPORTED WITH UNICODE CODEPAGE** *codepage*

Explanation: The user specified the MASK parameter for indexing, and also specified a Unicode code page with the CPGID parameter. Indexing with a MASK and Unicode data is not supported.

System action: ACIF terminates.

User response: Specify indexing without the MASK, or use an ASCII or EBCDIC code page instead of Unicode. This may also require a change to your application data.

System programmer response: No action is required.

APK432S   **INVALID VALUE SPECIFIED FOR TRIGGER COLUMN RANGE**

Explanation: When you specify a column range in the trigger parameter, the beginning and ending columns cannot be zero, and the ending column must be greater than the beginning column. Both column values must be in the range 1–32756.

System action: ACIF terminates.

User response: Enter correct values for the parameter and rerun ACIF.

System programmer response: No response is necessary.

APK435W   **THE** *ddname* **DD STATEMENT SPECIFIED FOR** *parameter* **IS MISSING.**

Explanation: An ACIF DD parameter specified a DD name that was not specified in the JCL (z/OS or VSE) or FILEDEF statement (VM).

System action: ACIF terminates.

User response: Ensure that the ACIF parameter specifies a DD name that is defined in the job commands.

System programmer response: No action is required

APK436S   **THE GROUPNAME VALUE** *value* **IS NOT WITHIN THE ALLOWABLE RANGE.**

Explanation: ACIF processing has encountered the GROUPNAME parameter with an incorrect INDEX number specified. The INDEXn range is 1–8.

System action: ACIF terminates.

User response: Correct the resource and resubmit the job.

System programmer response: No action is required

APK437S   **'(TYPE=FLOAT)' MAY NOT BE SPECIFIED FOR TRIGGER1.**

Explanation: The 'TYPE=FLOAT' subparameter is not valid for TRIGGER1.

System action: ACIF terminates.

User response: Correct the parameter and rerun ACIF.

System programmer response: No action is required

APK438S   **THE VALUE SPECIFIED FOR** *parameter1* **CONFLICTS WITH THE VALUE SPECIFIED FOR** *parameter2*.

Explanation: The value specified for the first parameter conflicts with the value specified for the second parameter.

System action: ACIF terminates.

User response: Correct the parameters and rerun ACIF.

System programmer response: No action is required

APK440I   **ACIF AT** *<APAR#>* **HAS COMPLETED NORMALLY WITH A RETURN CODE 0.**

Explanation: ACIF processing has completed with a return code of zero. The message includes the current APAR number. For example: *ACIF at PQ63028 has completed normally with a Return Code 0.*

System action: This message is for information only.

User response: See any accompanying messages to determine a response.

System programmer response: No action is required

APK441I   **ACIF AT** *<APAR#>* **HAS COMPLETED ABNORMALLY WITH A RETURN CODE** *returncode*.

Explanation: ACIF at the maintenance level indicated by the APAR number has completed with one of these return codes:

Code	Description
4	Warning; processing continues
8	Error; processing stops
12	Severe error; processing stops
16	Fatal error; processing stops

System action: This message is for information only.

User response: See any preceding messages to determine a response. If TRACE=YES is specified on z/OS and Generalized Trace Facility (GTF) is running, you might receive a return code 4 with no other messages, which you can ignore.

System programmer response: No action is required

APK442S   ACIF HAS BEEN INVOKED WITHOUT ANY PARAMETERS.

Explanation: ACIF needs a minimum number of parameters in order to function.

System action: ACIF terminates.

User response: Specify the INPUTDD, FORMDEF, CC, and PAGEDEF parameters.

System programmer response: No action is required

APK443S   A BEGIN COLUMN SPECIFICATION FOR FIELD*n* IS <= 0. SUCH A SPECIFICATION IS ONLY VALID WHEN (BASE=TRIGGER) IS ALSO SPECIFIED.

Explanation: FIELD*n* was specified with a column offset less than or equal to zero, but (BASE=TRIGGER) was not also specified. Negative column offsets in a FIELD specification are only valid when (BASE=TRIGGER) is also specified.

System action: ACIF terminates.

User response: Correct the the ACIF FIELD*n* parameter specification and resubmit the job.

System programmer response: No action is required

APK444S   MULTIPLE COLUMNS WERE SPECIFIED FOR FIELD*n* WHICH IS DEFINED WITH (BASE=TRIGGER). ONLY ONE COLUMN MAY BE SPECIFIED WHEN A FIELD IS DEFINED WITH (BASE=TRIGGER).

Explanation: FIELD*n* was specified with multiple columns and (BASE=TRIGGER). Only one column can be specified for a field that is also specified with (BASE=TRIGGER).

System action: ACIF terminates.

User response: Correct the ACIF FIELD*n* parameter specification and resubmit the job.

System programmer response: No action is required

APK445S   INDEX*n* WHICH IS DEFINED AS EITHER (TYPE=PAGERANGE) OR (TYPE=GROUPRANGE) INCLUDES FIELD*n* WHICH IS DEFINED AS (BASE=TRIGGER). THIS COMBINATION IS INVALID.

Explanation: INDEX*n* was specified as (TYPE=PAGERANGE) or (TYPE=GROUPRANGE) and with a FIELD*n* that was defined as (BASE=TRIGGER). This combination is not supported.

System action: ACIF terminates.

User response: Correct the ACIF parameters and resubmit the job.

System programmer response: No action is required

APK446S   USE OF FIELD*n* BY INDEX*n* IS INVALID. ONLY ONE FIELD IS ALLOWED IN AN INDEX DEFINED AS (TYPE=PAGERANGE) OR (TYPE=GROUPRANGE).

Explanation: More than one field was specified for INDEX*n*, which is defined as either (TYPE=PAGERANGE) or (TYPE=GROUPRANGE). This is not valid.

System action: ACIF terminates.

User response: Correct the ACIF parameters and resubmit the job.

System programmer response: No action is required

APK447S   **THE LENGTH,** *length1*, **OF OFFSET PAIR** *pair* **FOR FIELD***n* **DOES NOT EQUAL THE LENGTH,** *length2*, **SPECIFIED FOR FIELD***n*.

Explanation: The length of a begin-end pair, specified by the offset keyword of a field, does not match the length of the field. This in not valid; the lengths must be equal.

System action: ACIF terminates.

User response: Correct the ACIF parameters and resubmit the job.

System programmer response: No action is required

APK448S   **INDEXING WAS REQUESTED, BUT NO GROUP** *TRIGGERn* **NOR ANY** *FIELD* **BASED ON IT WAS SATISFIED WITHIN THE PAGE RANGE SPECIFIED BY THE INDEXSTARTBY PARAMETER.**

Explanation: Indexing was requested, but the first group INDEX*n* satisfier was outside the range of pages specified in the INDEXSTARTBY parameter. A group INDEX is an index whose field or fields are based on a group or recordrange trigger.

If the message return code is 16, that means that he ACIF indexer process ended and did not find a group trigger to index. The default INDEXSTARTBY value is 1 (one). The INDEXSTARTBY condition is satisfied only by group triggers, and not by floating triggers. In other words, if you want RC=0 for empty files or for other files that do not contain your specified group trigger for indexing, you must add INDEXSTARTBY=0 to allow that.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK449S   **INDEX FIELDS REFERENCE OUTSIDE OF THE RECORD, FIELD#** *number* **INPUT RECORD#** *number*

Explanation: The FIELD*n* value specified on the INDEX*n* parameter references an area that is outside the length of the requested record.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK450S   **A REQUIRED ACIF PARAMETER** *parametername* **WAS NOT FOUND IN THE PARAMETER FILE.**

Explanation: A required ACIF parameter was not found in the parameter file.

System action: ACIF terminates.

User response: Add the missing parameter to the parameter file and resubmit.

System programmer response: No action is required

APK451S   **FILE** *action* **ERROR DURING** *ddname* **PROCESSING. SVC 99 ERROR** *error* **INFORMATION CODE** *code*.

Explanation: An error occurred during the allocation, concatenation, or outadd of AFP resource libraries.

System action: ACIF terminates.

User response: Inform your system programmer that this error occurred.

System programmer response: Use the return code and reason code to determine the cause of the error and information code; then, determine the appropriate response. Refer to your operating system's authorized assembler language programs document for information about the SVC 99.

APK452S   A *trigger* **NUMBER OF** *number* **IS INVALID FOR** *parameter*.

Explanation: The trigger or record number specified in the FIELD*n* or INDEX*n* parameter is not valid.

System action: ACIF terminates.

User response: Triggers used in field definitions must be defined. Correct the parameter and rerun ACIF.

System programmer response: No action is required

APK453S   **THE** *fields* **LENGTH OF** *length* **IS GREATER THAN THE ALLOWED MAXIMUM OF** *maxlength*.

Explanation: The combined length of all of the FIELD*n* values on an INDEX*n* parameter is too long.

System action: ACIF terminates.

User response: Check the FIELD*n* and INDEX*n* parameters to find where this happens. Correct the parameter and resubmit the job.

System programmer response: No action is required

APK454S   **A VALUE OF** *value* **IS INVALID FOR FIELD***n*.

Explanation: A FIELD*n* parameter value contains incorrect characters.

System action: ACIF terminates.

User response: Correct the parameter value and resubmit the job.

System programmer response: No action is required

APK455S   **FIELD***n* **USED BY INDEX***n* **WAS NOT DEFINED.**

Explanation: An INDEX*n* parameter referred to a FIELD*n* that was not defined in the parameter file.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK456S   **THE TRIGGER1 RELATIVE RECORD NUMBER IS NOT EQUAL TO ASTERISK.**

Explanation: The record number associated with the TRIGGER1 parameter was not an asterisk.

System action: ACIF terminates.

User response: Correct the parameter and resubmit the job.

System programmer response: No action is required

APK457S   **TRIGGER1 WAS NOT DEFINED, BUT SECONDARY TRIGGERS ARE PRESENT.**

Explanation: TRIGGER1 must be specified if secondary TRIGGER*n* parameters are present.

System action: ACIF terminates.

User response: If no indexing is required, delete all TRIGGER*n* parameters from the parameter file; otherwise, supply a TRIGGER1 parameter for this run of ACIF.

System programmer response: No action is required

APK458S   **A NON-LITERAL VALUE OF** *value* **HAS BEEN SUPPLIED FOR TRIGGER***n*.

Explanation: The supplied TRIGGER*n* value was not a literal.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK459S   INDEX NEEDED FOR THE GROUPNAME WAS NOT FOUND.

Explanation: The index used for the GROUPNAME contained a field that was based on a floating trigger; however, the trigger was not found. Therefore, there is no value for the GROUPNAME. INDEX1 is used for the GROUPNAME by default.

System action: ACIF terminates.

User response: Use the GROUPNAME parameter to specify an index that does not contain a field based on a floating trigger.

System programmer response: No action is required

APK460S   TRIGGERS SATISFIED, BUT INDEXES WERE INCOMPLETE AT END-OF-FILE.

Explanation: The TRIGGER*n* parameters specified in the parameter file were met, but the end of the file was reached before the INDEX*n* parameters were located.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK461S   TRIGGER SUPPLIED, BUT ALL INDEX VALUES WERE LITERALS.

Explanation: A value for TRIGGER*n* has been supplied, but all INDEX*n* values were literals.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK462S   A TRIGGER PARAMETER WAS SPECIFIED, BUT THE INPUT FILE IS ALREADY INDEXED.

Explanation: The parameter file included a TRIGGER*n* parameter, but the input file contains indexing structured fields. ACIF cannot index a file that is already indexed.

System action: ACIF terminates.

User response: If you want to create an index object file for the input file, remove all TRIGGER*n* parameters from the ACIF parameter file and resubmit the job.

System programmer response: No action is required

APK463S   INDEX*n* USED BY THE GROUPNAME PARAMETER WAS NOT DEFINED OR WAS INVALID.

Explanation: The INDEX*n* specified by the GROUPNAME parameter was not defined or the index contained a field that was based on a floating trigger. When the GROUPNAME parameter is not used, INDEX1 is used by default.

System action: ACIF terminates.

User response: Correct the parameters and resubmit the job.

System programmer response: No action is required

APK464S   *token1* WAS SPECIFIED WHEN *token2* EXPECTED.

Explanation: The syntax of the parameter printed above this message was incorrect.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the value of the parameter and rerun ACIF.

System programmer response: None.

APK465S   **INVALID TOKEN** *token* **RECEIVED.**

Explanation: The token identified in the message was not expected in the parameter listed above the message.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the value of the parameter and rerun ACIF.

System programmer response: None.

APK466S   **A SUB-PARAMETER OF** *subparameter* **IS NOT SUPPORTED ON THE** *parameter* **PARAMETER.**

Explanation: The named sub-parameter is not supported on the parameter listed above the message.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the value of the parameter and rerun ACIF.

System programmer response: None.

APK467S   **THE NUMBER** *number* **IS NOT SUPPORTED FOR** *parameter*.

Explanation: An incorrect number was specified on a FIELD*n*, INDEX*n*, or TRIGGER*n* parameter keyword.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the parameter keyword so that the number is within the allowed range for that parameter and rerun ACIF.

System programmer response: None.

APK468S   **THE INPUT BUFFER IS TOO SMALL FOR THE PARAMETER VALUE** *value*.

Explanation: The named value was too long for the ACIF internal input buffer.

System action: ACIF terminates.

User response: Use your local problem reporting system to report the error.

System programmer response: None.

APK469S   **THE LENGTH OF THE VALUE** *value* **EXCEEDS THE MAXIMUM ALLOWED LENGTH FOR THE** *parameter* **PARAMETER.**

Explanation: The length of the named value exceeds the maximum length.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the value so that its length is within the maximum for that parameter and rerun ACIF.

System programmer response: None.

APK470S   **WHICH BEGINS AT OFFSET** *offset* **FOR A LENGTH OF** *length*.

Explanation: This message is issued following a message that contains the cause of the error.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the value so that its length is within the maximum for that parameter and rerun ACIF.

System programmer response: None.

APK471S   **THE NUMBER OF FIELD VALUES ON THE INDEX PARAMETER EXCEEDED THE MAXIMUM ALLOWED.**

Explanation: There were too many FIELD*n* values specified for the INDEX*n* parameter printed above this message.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Remove the extra FIELD*n* values from the INDEX*n* parameter and rerun ACIF.

System programmer response: None.

APK472S   THE NUMBER OF VALUES SPECIFIED FOR THE *parameter* PARAMETER EXCEEDED THE MAXIMUM ALLOWED.

Explanation: Too many values were specified for the named parameter, or the file specified with the *PARMDD* parameter contains more than 100 records.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Consult the ACIF manual for the maximum number of values for this parameter, correct the parameter, and rerun ACIF.

System programmer response: None.

APK473S   RECORDRANGE SUB-PARAMETER ALLOWED ONLY IF RECORD VALUE IS '*'.

Explanation: The RECORDRANGE sub-parameter is only valid on a TRIGGER*n* parameter if the record value was specified as '*'.

System action: ACIF terminates.

User response: Either specify an '*' for the record value or remove the RECORDRANGE sub-parameter from the TRIGGER parameter.

System programmer response: None.

APK474S   END-OF-FILE ENCOUNTERED BEFORE CLOSING QUOTE FOUND FOR *value*.

Explanation: The end of the parameter file was found before the closing quote for a literal value.

System action: ACIF terminates.

User response: Ensure the literal value is enclosed in quotes and rerun ACIF.

System programmer response: None.

APK475S   THE HEX STRING *hexstring* IS NOT VALID.

Explanation: The value specified was not a valid hex string.

System action: ACIF continues processing the parameter file, but does not process the report file.

User response: Correct the hex string and rerun ACIF.

System programmer response: None.

APK476S   THE LENGTH OF THE NUMERIC VALUE *value* IS INVALID.

Explanation: ACIF attempted to write a message that is not defined in the message catalog.

System action: ACIF processing continues depending upon the significance of undefined message.

User response: Inform your service representative that ACIF attempted to write an undefined message, which needs to be corrected.

System programmer response: None.

APK478I   UNABLE TO SAVE DATA OBJECT *filename* TO RESOURCE FILE.

Explanation: Data objects resources, such as color management resources (CMRs), or font resources are being saved, but the object shown in the message has the embed flag set "off" in the resource access table (RAT). Objects with an embed flag set "off" cannot be placed inline or saved in the output resource library.

System action: ACIF skips the specified data object and continues processing the page.

User response: This message is informational and is based on the embed flag setting in the RAT that is created

when the data object is installed. If you need to save this object in the resource file, contact your system programmer to set the embed flag "on".

System programmer response: In the resource installer product, find the specified object in its library. Select "embed" for the object, and then rerun the resource installer to update the RAT. If embed was already selected for the object, make sure that the RAT is updated in the directory where ACIF is searching for fonts or objects. If the data object is still not saved to the resource file, contact IBM Software Support for assistance.

APK479I **REQUESTED DATA OBJECT** *filename* **NOT FOUND, RETURN CODE** *nn*.

Explanation: A data object was requested with a Map Data Resource (MDR) structured field in the input file or page definition, but resource access table (RAT) could not access the object.

System action: ACIF stops processing.

User response: The requested data object needs to be installed on the system in one of the directories specified with the USERPATH, FONTPATH, or OBJCPATH parameter. The return code indicates why the object was not found and gives the action to perform:

Code	Description and action
10	Attempt to assign storage failed.
20	No RAT was found in the paths specified with the USERPATH, FONTPATH, or OBJCPATH parameter. Make sure that a correct set of paths is specified for these parameters. Contact your system programmer to verify that the object is installed on your system.
30	RAU handle is null. Contact your service representative.
40	Font is not found. There was no entry for the requested font in the RAT. Make sure that you have specified the correct set of paths to search. If the correct paths are specified, contact your system programmer to install the font in the correct directory and update the RAT.
50	Conversion information is missing. The object might not be found for one of the following reasons: • The MDR structured field specifies the object encoding by CPGID/GCSGID names that cannot be mapped to a CCSID. • The object file name cannot be converted to ASCII or EBCDIC for access on your system. If the object name cannot be converted or mapped, the name is presented as a hexadecimal string. Contact your system programmer for assistance in analyzing this return code.
70	Unable to convert code page or character set to CCSID. Same action as return code 50.
90	RAU handle is missing. Contact your service representative.
100	Path name is missing on AddPath. Contact your service representative.
110	RAT contains incorrect entries. Contact your service representative.
120	ICONV open request has an error. Same action as return code 50.
130	ICONV conversion has an error. Same action as return code 50.

Code	Description and action
140	RAT type does not match the Find call. Contact your service representative.
150	RAT type is incorrect. Contact your service representative.
160	Requested color management resource (CMR) is not found in the RAT. Make sure that you have specified the correct set of paths to search. If the correct paths are specified, contact your system programmer to install the CMR into the correct directory and update the RAT.
170	Requested data object is not found in the RAT. Make sure that you have specified the correct set of paths to search. If the correct paths are specified, contact your system programmer to install the object into the correct directory and update the RAT.
180	CMR name is incorrect. Contact your service representative.
190	RAT contains incorrect entries. Contact your service representative.
200	Resource access table (RAT) not valid. For example, RAT uploaded as a text file instead of a binary file.
210	Font not found inline. An MDR setting requires that the requested data object font is inline in the input file resource group (RESTYPE=ALL or RESTYPE=FONTS). The MDR repeating group flag does not apply to any code page named on a Fully Qualified Name (FQN) triplet with an FQNType of X'85' that is used with the data object font (such as T1V10500). ACIF does not search external libraries when the MDR repeating group flag requires that the data object font is inline.

System programmer response: Make sure that both the object and the RAT are installed in the correct directory. If not, use a resource installer product to install the data object in the correct directory and build the RAT entry. If the data object files and the RAT are installed correctly, contact IBM Software Support for assistance.

APK499I   **INTERNAL ERROR IN MODULE** *module* **AT FUNCTION** *function*.

Explanation: An internal error occurred.

System action: ACIF stops.

User response: Contact IBM Software Support and inform them that you received this message. Make note of the module and function specified in the message.

System programmer response: None.

APK532S   **A** *resource* **WITH A MEMBER NAME (***membername***) WAS NOT FOUND OR WAS INVALID - RETURN CODE** *returncode*.

Explanation: The requested form definition, page definition, page segment, medium overlay, or setup file does not exist in any of the available paths. If the form definition member name is blank, the default is DUMMY.

Return Code
   Description
0   Successful
1   Permanent I/0 error
2   Specified number of bytes is zero
3   Incorrect data buffer address

4	Address not word aligned
6	Incorrect FILE_CB@
7	Incorrect MODE parameter
8	Data record longer than LRECL or buffer
9	File is not supported type
10	Storage allocation/deallocation failed
11	Incorrect record number
12	End of file detected
13	Disk is full
14	RECFM not valid
20	Incorrect file ID
28	File not found
51	Length exceeds maximum
310	File format not valid

Reason Code

	Description
1	Resource name missing
2	File system open error
3	File system close error
4	File system read error
6	Resource type error
7	File system write error
8	Indexer error
9	Message write error

System action: ACIF terminates.

User response: Correct the parameters and rerun ACIF.

System programmer response: None.

APK610I   **GTF RETURN CODE =** *rc*.

Explanation: Generalized Trace Facility (GTF) has returned a nonzero return code from the GTRACE request. The return code *rc* and *error text* explain the error. The return codes and error text are:

RC	Error Text
04	Inactive z/OS GTF
08	Incorrect length = xxxx
0C	Incorrect data address = xxxx
10	Incorrect FID = xx
14	Incorrect EID = xx
18	No GTF buffer space
1C	Incorrect parameter address = xxxx
20	Data paged out
xx	Unknown GTF return code

System action: The action depends on the return code; ACIF might or might not continue tracing. For return codes 18 and 20, GTF tracing continues. For the other return codes listed, GTF tracing stops. For unknown return codes, GTF tracing stops.

User response: No action is required

System programmer response: Refer to your operating system's service aids logic documents for more information about the return codes.

APK900S   MISSING DAT POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK901S   MISSING FORMDEF POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK902S   MISSING PAGEDEF POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK903S   MISSING OBJECT STACK POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK904S   MISSING CODE PAGE POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK905S   MISSING FONT METRIC POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK906S UNEXPECTED OTHERWISE STATEMENT ENCOUNTERED.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK907S CCM CANNOT FIND REQUESTED MEDIUM MAP.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK908S CCM CANNOT FIND REQUESTED DATA MAP.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK909S CCM CANNOT FIND REQUESTED MEG.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK910S INPUT BIN LIST CHANGED DURING PROCESSING.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK911S DAT DID NOT SPECIFY ANY INPUT BIN INFORMATION.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK912S   **OVERLAY LOCAL ID HAS BEEN CHANGED IN LIST.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK913S   **STARTING COPY COUNT EXCEEDS TOTAL COPIES IN MM.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK914S   **CONDITIONAL PROCESSING INFORMATION PASSED TO CCM AT DOCUMENT INTERFACE BUT PAGEDEF DOES NOT REQUEST CONDITIONAL PROCESSING.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK915S   **ACIF REQUESTED CODE PAGE DEALLOCATION AS WELL AS CODE PAGE PROCESSING.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK916S   **ACIF REQUESTED ACTIVATION OF AN OUTLINE FONT CHARACTER SET, BUT DOES NOT SUPPORT OUTLINE FONTS.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK917S   **ACIF REQUESTED ACTIVATION OF A FONT RESOURCE, BUT THE GLOBAL NAME WAS NOT PROVIDED OR HAD AN INCORRECT LENGTH.**

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK918S   NO FREQUENT FONT TABLE OR FGID LOOK ASIDE TABLE WAS PROVIDED TO *modulename*.

Explanation: An internal error has occurred in ACIF.

System action: ACIF terminates.

User response: Contact IBM Service and inform them that you have received this message indicating an internal error.

System programmer response: None.

APK919S   THE CCM COMPONENT OF ACIF HAS USED UP ITS OBJECT STACK IN *modulename*.

Explanation: The CCM component of ACIF has run out of its object stack area. This could be a data stream error or a logic error. A begin structured field must have a matching end structured field following it in the data stream. If this requirement is not met, the CCM can run out of its object stack area.

System action: ACIF terminates.

User response: Check the data stream to make sure each begin structured field has a matching end structured field following it. If this is not true, correct the data stream and resubmit the job to ACIF. If the data stream meets the begin structured field requirement, this message indicates an internal logic error. Inform your service representative that you have received this message indicating an internal error.

APK920S   ALL THE INPUT BINS ON YOUR PRINTER ARE EITHER DISABLED OR ARE INSERTER BINS. PSF NEEDS TO SUBSTITUTE A BIN BUT NO BINS ARE AVAILABLE TO SUBSTITUTE.

Explanation: This abend is issued by module APKMSGEX. All bins reported back from the printer are either disabled or are inserter bins. As a result, there are no bins available for printing and the current data set cannot be printed.

System action: ACIF processing terminates abnormally.

APK921S   NO RECORD LENGTH WAS PASSED TO CCM WHEN PROCESSING AN OBJECT CONTAINER RESOURCE.

Explanation: This abend is issued by module APRMSGEX. No record length was passed to CCM when processing an object container resource. This is a logic error.

System action: PSF attempts to recover from this abend by restarting. Message APS057I is issued if PSF successfully restarts.

User response: None.

System programmer response: This ACIF abend reason code indicates a logic error. Contact your service representative for assistance regarding this error code.

APK2000S   THE REGISTERED OBJECT TYPE ID (*identifier*) OF AN OBJECT CONTAINER RESOURCE, NAME *resourcename* OR OBJECT OID *objectoid*, IS NOT VALID OR IS NOT SUPPORTED BY PSF OR THE PRINTER.

Explanation: The registration ID specified for an object container is not supported by the printer. The registration ID is specified in the object classification triplet on an IOB, BOC, or BR structured field. A value of *** for the resource name or object OID means that is was not specified.

System action: PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the object container resource, ensure that the registration ID is correct. If the registration ID is correct, submit the print job to a printer that supports this object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System programmer response: If an IBM licensed program was used to create the structured fields, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the

information provided in the User Response section to correct the error.

APK2003S   DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD *structuredfield* CONTAINED AN EXTENDED RESOURCE LOCAL IDENTIFIER VALUE THAT WAS USED IN A PREVIOUS STRUCTURED FIELD OF THE SAME TYPE.

Explanation: More than one structured field used the same Extended Resource Local Identifier value for different resources of the same type. The Extended Resource Local Identifier is specified by using the Extended Resource Local Identifier (X'22') triplet on the structured field. The structured field that attempted to use the same Extended Resource Local Identifier value is identified in the message.

System action: PSF stops processing the current data set and issues messages identifying the position of the structured field and the processing environment when the error was found.

User response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2004S   DATA IN A FORMDEF RESOURCE IS INVALID: MEDIA TYPE LOCAL IDENTIFIER IN MMC STRUCTURED FIELD, ID *identifier*, WAS NOT FOUND IN THE MMT STRUCTURED FIELD.

Explanation: The Media Type local ID in the Medium Modification Control (MMC) structured field was not present in the Map Media Type (MMT) structured field. The MMC and MMT structured fields are in the form definition.

System action: The form definition containing the error is not used, and one of the following occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data ser; it tries to print the next data set.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2005S   DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: RECORD IDENTIFIER *identifier* COULD NOT BE FOUND WITHIN THE RCD STRUCTURED FIELDS.

Explanation: The record identifier specified in an input record could not be matched to a Record Descriptor (RCD) structured field in the current data map. The RCD structured field is in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

APK2006S	DATA IN A PAGEDEF RESOURCE IS NOT VALID: GRAPHICS GENERATION WAS REQUESTED ON RCD STRUCTURED FIELD *structuredfield*, BUT THE PRINTER DOES NOT SUPPORT GRAPHICS OBJECTS.

Explanation: A Record Descriptor (RCD) structured field in a page definition has requested PSF to generate a graphics object from the line data, but the printer does not support graphics objects.

System action: PSF ignores the request and continues processing the data set.

User response: To print the data set and have PSF generate graphics objects, submit the print job to a printer that supports graphics objects. For more information about AFP printers that support graphics objects, refer to *Advanced Function Presentation: Printer Information*

System programmer response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a graphics object be generated.

APK2007S	DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FIELD RCD POINTER VALUE IN RCD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The FIELD RECORD DESCRIPTOR POINTER parameter in the Record Descriptor (RCD) structured field identified in this message caused an infinite-loop condition. The RCD structured field is contained in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2008I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: RCD OR XMD STRUCTURED FIELD NUMBER *number* SPECIFIES A VALUE THAT IS NOT VALID AS A POINTER TO A FIELD RCD OR XMD. THE VALUE *rcdvalue*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *lncvalue*.

Explanation: The Record Descriptor (RCD) or XML Descriptor (XMD) structured field identified in this message specifies a value as a pointer to a Field RCD or XMD. The value specified is not valid. The value is greater than the COUNT value in the Line Descriptor Count (LNC) structured field in the current data map. The LNC, RCD, and XMD structured fields are in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2009S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: RIGHT ALIGNMENT WAS REQUESTED ON RCD STRUCTURED FIELD** *structuredfield***, BUT THE PRINTER DOES NOT SUPPORT RIGHT ALIGNMENT.**

Explanation: A Record Descriptor (RCD) structured field in a page definition has requested that PSF right align a field from the line data, but the printer does not support the controls necessary for PSF to perform this function.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: To print the data set and have PSF right align fields, submit the print job to a printer that supports all four inline print directions and all four character rotations. For more information about inline print directions and character rotations supported by AFP printers, refer to *Advanced Function Presentation: Printer Information*.

System programmer response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a field be right aligned.

APK2010S **RECORD FORMATTING WAS REQUESTED BY THE PAGE DEFINITION BUT THAT FUNCTION IS NOT SUPPORTED BY THIS RELEASE OF PSF.**

Explanation: The record formatting function is not supported by this release of PSF.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: To use the record formatting function, submit this job to a version of print PSF that supports record formatting.

System programmer response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, remove this page definition and select one that does not use the record formatting function.

APK2011I **DATA IN A PAGEDEF RESOURCE IS NOT VALID: DATA MAP** *datamap1* **AND DATA MAP** *datamap2* **ARE FOR PROCESSING DIFFERENT TYPES OF DATA. ALL DATA MAPS IN THE PAGE DEFINITION MUST SPECIFY THE SAME DATA FORMATTING.**

Explanation: A page definition can only be used for one type of data. A single page definition cannot be used to mix the processing of traditional line data, record-format line data, and XML data.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2012S   **DATA IN A PAGEDEF RESOURCE IS NOT VALID: A NON-ZERO RECORD IDENTIFIER PARAMETER VALUE** *value* **WAS SPECIFIED IN RCD STRUCTURED FIELD NUMBER** *number***.**

Explanation: For Record Descriptor (RCD) structured fields that are marked as either a field or a conditional processing RCD, the RECORD IDENTIFIER parameter value must be all zeros. The RCD structured fields are in the page definition.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2013S   **DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE SAME RECORD IDENTIFIER** *identifier* **WAS SPECIFIED IN RCD STRUCTURED FIELD NUMBERS** *number1* **AND** *number2***. ALL RECORD IDENTIFIERS MUST BE UNIQUE IN THE SAME DATA MAP.**

Explanation: With the exception of the default Page Header Record Descriptor (RCD) structured field, the default Page Trailer RCD structured field, Field RCD structured fields, and Conditional Processing RCD structured fields, all other RCD structured fields in a data map must have a unique record identifier parameter value specified.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2014I   **DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: THE PAGE SIZE IS NOT LARGE ENOUGH TO PLACE THE FIRST RECORD OF THE PAGE BY USING RCD OR XMD STRUCTURED FIELD NUMBER** *number* **AND ITS ASSOCIATED FIELD RCD OR XMD STRUCTURED FIELDS.**

Explanation: The Body Record Descriptor (RCD) or XML Descriptor (XMD) structured field selected for placing the first body record of the page does not fit within the area of the page defined by the bottom margin. If Field RCD or XMD structured fields are being used, one of the Field RCD or XMD structured fields might be positioning data beyond the bottom margin. This error prevents PSF from being able to place the record and continuing.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator

pages or the message data set, use the information provided in the User Response section to correct the error.

APK2015S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: AN RCD STRUCTURED FIELD SPECIFIED A GRAPHICS DESCRIPTOR TRIPLET TO END ALL STARTED GRAPHICS DESCRIPTOR TRIPLETS THAT HAVE A MATCHING GRAPHID PARAMETER VALUE** *value***, BUT A MATCH COULD NOT BE FOUND.**

Explanation: A graphics object can be started by one Record Descriptor (RCD) structured field and ended with another RCD structured field. When this is done, the Graphics Descriptor triplets that start and end a graphics object must have matching GRAPHID parameter values specified and the RCD structured fields must have matching orientations. PSF could not find a match between the start and end Graphics Descriptor triplets using the GRAPHID parameter from the end Graphics Descriptor triplet and the TEXT ORIENTATION parameter value from the RCD structured field.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2016S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE USE RECORD IDENTIFIER FLAG WAS SET BUT THE SUM OF THE DATA START POSITION AND THE DATA LENGTH PARAMETER VALUES IN RCD STRUCTURED FIELD NUMBER** *number* **SELECTS DATA BEYOND THE RECORD IDENTIFIER FIELD.**

Explanation: For Record Descriptor (RCD) structured fields that are marked to use only the record identifier portion of an input record, only the record identifier can be accessed by the RCD. The DATA START parameter plus the DATA LENGTH parameter of this RCD accesses data beyond the 10-byte record identifier area of the input record.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2017S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: A FONT IS NEEDED FOR AN RCD IN DATA MAP** *datamap* **BUT NO FONTS WERE MAPPED IN THE DATA MAP.**

Explanation: Fonts needed for printing record-format line data must be selected in the data map. The CHARS JCL parameter cannot be used to select fonts. The data map identified in this message contained a Record Descriptor (RCD) structured field that requires a font, but no fonts were specified in the data map.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured

field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2018S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: RCD STRUCTURED FIELD** *structuredfield* **REQUESTED THAT THE PAGE NUMBER BE RESET, BUT THE PAGE NUMBER PARAMETER CONTAINS ZERO.**

Explanation: The PAGE NUMBER parameter in a Record Descriptor (RCD) structured field cannot be zero when the RCD requests that PSF reset the page number.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2019S **DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FONT SELECTED FOR PRINTING THE PAGE NUMBER ON RCD OR XMD STRUCTURED FIELD NUMBER** *number* **CANNOT BE A DOUBLE-BYTE FONT WHEN USING THE ASCII ENCODING SCHEME.**

Explanation: PSF cannot determine the correct code points to generate when a double-byte font is used to print the page number using th ASCII encoding scheme. The structured field identified in this message selected a double-byte ASCII font for printing the page number. This is not allowed.

System action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2020I **DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE OBJECT OID SPECIFIED IN A FULLY QUALIFIED NAME TRIPLET ON AN** *structuredfield* **STRUCTURED FIELD IS INCORRECT.**

Explanation: An object OID being specified in a Fully Qualified Name triplet must not contain all zeros and must be less than 130 bytes in length.

System action: ACIF stops processing the input file and issues a message identifying the position of the structured field in the file or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. For information about the correct format of the referenced structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If a licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid.

APK2021I   **DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE** *structuredfield* **STRUCTURED FIELD CONTAINS UNPAIRED FQN X'BE' & FQN X'DE' TRIPLETS.**

Explanation: If this is an Include Object (IOB) structured field, the Fully Qualified Name (FQN) triplet with an FQNType of Data Object Internal Resource Reference (X'BE') must immediately follow an FQN triplet with an FQNType of Data Object External Resource Reference (X'DE'). If this is a Map Data Resource (MDR) structured field, a repeating group with an FQN triplet type X'BE' must also include an FQN triplet type X'DE'.

System action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

Operator response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem determination: Items 1, 2, 13, 15c, 17, 19.

APK2022I   **DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A SECONDARY RESOURCE IDENTIFIED ON STRUCTURED FIELD** *structuredfield* **IS NOT NAMED IN THE ACTIVE ENVIRONMENT GROUP.**

Explanation: An Include Object (IOB), Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field calls for a secondary resource. This secondary resource must be named in a Map Data Resource (MDR) in the Active Environment Group (AEG) of the page, overlay, or data map containing the structured field. A color management resource (CMR) is a secondary resource that must be mapped in the AEG. If the CMR name is mapped but the scope or processing mode on the MDR does not match the IOB, LND, RCD, or XMD structured field, this message is issued.

System action: If the object is in a page, PSF terminates the page and continues processing the data set. If the object is in a resource, PSF stops processing and printing the data set.

User response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Data Stream and Object Architectures Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error. If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

Operator response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page or for the message data set in the PSF startup procedure. Contact your system programmer.

Problem determination: Items 2, 17.

APK2023I	DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE FORMAT SPECIFIED IN AN FQN TRIPLET IS NOT VALID. The STRUCTURED FIELD *structuredfield* is in error.

Explanation: The FQNFmt specified in a Fully Qualified Name (FQN) triplet on the structured field specified in the message is not valid.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2024I	DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A FULLY QUALIFIED NAME TRIPLET MAPPED AN OBJECT THAT IS NOT ALLOWED IN AN MDR STRUCTURED FIELD IN AN OBJECT ENVIRONMENT GROUP.

Explanation: A Fully Qualified Name (FQN) triplet with an FQNType of Begin Resource Object Reference (X'84') or Other Object Data Reference (X'CE') is not allowed on a Map Data Resource (MDR) structured field in an Object Environment Group (OEG).

In addition, an FQN triplet with an FQNType of Data Object External Resource Reference (X'DE') can only map a data object font or a color management resource (CMR) in a bar code object, a graphics object, or a presentation text object with OEG.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2025I	DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: AN ERROR WAS FOUND IN A FULLY QUALIFIED NAME TRIPLET SPECIFIED IN A REPEATING GROUP ON AN *structuredfield* STRUCTURED FIELD.

Explanation: One of these errors was found:

- More than one Fully Qualified Name (FQN) triplet with one of these FQNTypes was found in a repeating group on a Map Data Resource (MDR) structured field:
  - Begin Resource Object Reference (X'84')
  - Other Object Data Reference (X'CE')
  - Data Object External Resource Reference (X'DE')
  - Code Page Name Reference (X'85')
- More than one FQN triplet with one of these FQNTypes was found in a repeating group on a Preprocess Presentation Object (PPO) structured field:
  - Begin Resource Object Reference (X'84')
  - Other Object Data Reference (X'CE')
- An FQNType that is not valid was specified on a FQN triplet on an MDR.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2026I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE OBJECT CLASS SPECIFIED IN AN OBJECT CLASSIFICATION TRIPLET ON AN MDR STRUCTURED FIELD IS NOT VALID.

Explanation: The ObjClass specified in an Object Classification triplet on a Map Data Resource (MDR) structured field must be X'40' or X'41' if the Fully Qualified Name (FQN) triplet type in the repeating group is a Data Object External Resource Reference (X'DE'). The ObjClass specified must be X'01' if the FQN triplet type in the repeating group is an Other Object Data Reference (X'CE').

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2027I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: AN MDR STRUCTURED FIELD SPECIFIES THE SAME RESOURCE REFERENCE MORE THAN ONCE IN AN ENVIRONMENT GROUP.

Explanation: The same resource reference cannot be made in a Map Data Resource (MDR) structured field in an environment group.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2029I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: OBJECT OID *objectoid1* DOES NOT MATCH THE OBJECT OID *objectoid2* SPECIFIED ON THE *structuredfield* STRUCTURED FIELD.

Explanation: The object OID specified on a structured field must match the object OID specified on the Map Data Resource (MDR) or Include Object (IOB) structured field that referenced it. A value of *** indicates an OID was not specified.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If

you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| **APK2030I** | **DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A SECONDARY RESOURCE THAT IS NOT A CMR IS SPECIFIED ON AN IOB STRUCTURED FIELD THAT INCLUDES A BAR CODE, GRAPHICS, OR PRESENTATION TEXT WITH OEG OBJECT.** |

Explanation: A Fully Qualified Name (FQN) triplet of type Data Object External Resource Reference (X'DE') is specified in an Include Object (IOB) structured field that has a bar code, graphics, or presentation text with OEG object. Only color management resources (CMRs) are allowed as secondary resources for these objects.

System action: The secondary resource reference that is not a CMR is ignored and processing continues.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| **APK2033I** | **THE BAR CODE DATA OR BAR CODE DATA PLUS THE ADDITIONAL 2D BAR CODE PARAMETERS EXCEED THE OUTPUT COMMAND BUFFER.** |

Explanation: Either the bar code data itself or the bar code data plus the macro control block data specified for a 2D bar code exceeds the size of the output command buffer. The macro control block data is specified in your page definition as part of the BCXPARMS (additional bar code parameters).

System action: PSF issues this message and continues processing.

User response: Change the amount of data specified for your bar code or reduce the amount of data in the macro control block.

System programmer response: None.

Operator response: None.

| **APK2039I** | **DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A DUPLICATE FINISHING OPERATION WAS FOUND IN THE** *mapname* **MEDIUM MAP.** |

Explanation: The same finishing operation was specified more than once in a medium map. This nesting of the same finishing operation is not allowed. The Media Finishing Control (MFC) structured field is in a form definition or an internal medium map in the print data set.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the form definition, correct the error and resubmit the print request. See *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: None.

| **APK2040I** THE NUMBER OF MEDIA COLLECTION FINISHING NESTING LEVELS IS MORE THAN 4.

| **Explanation:** A maximum of four levels of nesting is allowed for media collection finishing. The Medium Finishing
| Control (MFC) structured field can be contained in a form definition or internal medium map in a page.

| **System action:** ACIF stops processing the data set.

| **User response:** If you created the form definition or internal medium map, you must remove one or more levels of
| media collection finishing operations. See *Mixed Object Document Content Architecture Reference* for more information
| about the structured field. Resubmit the print request. If the total number of nesting levels is less than or equal to
| four, the error might be an ACIF logic error.

| **System programmer response:** None.

| **APK2041I** DATA IN AN INPUT RECORD OR PAGEDEF IS NOT VALID: INPUT DATA BEING USED FOR A
| VARIABLE RESOURCE NAME IN LND OR RCD STRUCTURED *number* IS DOUBLE BYTE DATA.

| **Explanation:** A Resource Object Include triplet or an Extended Resource Local ID triplet on a Line Descriptor (LND)
| or Record Descriptor (RCD) structured field requests that the input data for the resource name is included. This input
| data cannot be double-byte data.

| **System action:** ACIF stops processing the print data set and issues a message identifying the position of the
| structured field in the data stream or resource.

| **User response:** If you created the structured fields for the page definition, correct the error and resubmit the print
| request. See *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming
| Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the
| error might be an ACIF logic error. If you used a program to create the structured fields for the page definition,
| contact your system programmer.

| **System programmer response:** If an IBM licensed program was used to create the structured fields for the page
| definition with the error, verify that the input to that program is valid. If the input is valid, see your system's
| diagnosis reference for assistance in determining the source of the problem.

| **APK2042I** DATA IN A PAGEDEF RESOURCE IS NOT VALID: AN XML PAGE DEFINITION REQUESTED
| THAT THE INPUT DATA BE USED FOR A RESOURCE NAME ON XMD STRUCTURED FIELD
| NUMBER *number*.

| **Explanation:** An Object Reference Qualifier (ORQ) triplet has been specified on an XML Descriptor (XMD)
| structured field. This function is not supported when using an XML page definition.

| **System action:** ACIF stops processing the print data set and issues a message identifying the position of the
| structured field in the data stream or resource.

| **User response:** If you created the structured fields for the resource, correct the error and resubmit the print request.
| See *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content
| Architecture Reference* for more information about the structured field. If the structured field has no error, the error
| might be an ACIF logic error. If you used a program to create the structured fields for the resource, contact your
| system programmer.

| **System programmer response:** If an IBM licensed program was used to create the structured fields for the resource
| with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis
| reference for assistance in determining the source of the problem.

| **APK2044I** DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FIELD XMD POINTER VALUE IN XMD
| STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

| **Explanation:** The Field XML Descriptor Pointer value in the XML Descriptor (XMD) structured field identified in
| this message caused an infinite loop condition. The XMD structured field is contained in the page definition.

| **System action:** ACIF stops processing the print data set and issues a message identifying the position of the
| structured field in the data stream or resource.

| **User response:** If you created the structured fields for the page definition, correct the error and resubmit the print
| request. See *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document
| Content Architecture Reference* for more information about the structured field. If the structured field does not have an

error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| APK2045I | THE ENCODING SCHEME SPECIFIED IN A PAGE DEFINITION USED TO PROCESS XML DATA IS NOT SUPPORTED BY ACIF. |

Explanation: The encoding scheme specified is not supported by ACIF.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: You must use an encoding scheme that is supported by ACIF for XML data processing. See *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| APK2046I | XML DATA FORMATTING WAS REQUESTED BY THE PAGE DEFINITION BUT THAT FUNCTION IS NOT SUPPORTED BY THIS RELEASE OF ACIF. |

Explanation: The XML data formatting function is not supported by this release of ACIF.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: To use the XML data formatting function, submit this job to a version of ACIF that supports XML data formatting.

System programmer response: None.

| APK2047I | DATA IN A PAGEDEF RESOURCE IS NOT VALID: DATA MAP *datamapname1* AND DATA MAP *datamapname2* HAVE DIFFERENT ENCODING SCHEMES SPECIFIED FOR THE USER DATA. ALL DATA MAPS IN THE PAGE DEFINITION MUST SPECIFY THE SAME ENCODING SCHEME. |

Explanation: All the data maps in a page definition used to process XML data must use the same encoding scheme for the user data.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. See *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| APK2048I | DATA IN AN INPUT RECORD IS NOT VALID: A DTD DECLARATION AT CHARACTER COUNT NUMBER *number* IS SPECIFIED OUTSIDE OF A DTD. |

Explanation: A document type definition (DTD) declaration is only allowed inside a DTD. The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2049I   DATA IN AN INPUT RECORD IS NOT VALID: THE XML COMMENT SYNTAX AT CHARACTER COUNT NUMBER *number* IS NOT VALID.

Explanation: After an XML comment has been started, you can only use two dashes in a row when ending a comment. The character count number specified in the message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2050I   DATA IN AN INPUT RECORD IS NOT VALID: THE XML END TAG AT CHARACTER COUNT NUMBER *number* DOES NOT MATCH THE LAST START TAG.

Explanation: An XML end tag must exactly match its start tag. The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

APK2051I   DATA IN AN INPUT RECORD IS NOT VALID: THE END OF A DOCUMENT TYPE DECLARATION AT CHARACTER COUNT NUMBER *number* IS NOT THE CORRECT SYNTAX.

Explanation: The end of a document type declaration (DTD) did not have the correct syntax. The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| APK2052I | DATA IN AN INPUT RECORD IS NOT VALID: THE CHARACTER CODE AT CHARACTER COUNT NUMBER *number* IS NOT A VALID VALUE FOR A CHARACTER REFERENCE.

Explanation: A character code inside a character reference is not one of the allowed values. The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see your system's diagnosis reference for assistance in determining the source of the problem.

| APK2053I | DATA IN AN INPUT RECORD IS NOT VALID: THE ENTITY AT CHARACTER COUNT NUMBER *number* IS NOT DEFINED IN THE DOCUMENT TYPE DEFINITION.

Explanation: ACIF allows only internal general entity references, which must be defined in an internal document type definition (DTD). The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

| APK2054I | DATA IN AN INPUT RECORD IS NOT VALID: THE CHARACTER IN A TAG NAME AT CHARACTER COUNT NUMBER *number* IS NOT VALID.

Explanation: A character in an XML tag name is not valid. The character count number specified in this message is relative to the start of the record.

System action: ACIF stops processing the current data set and issues a message identifying the position of the error in the data stream.

User response: If you created the XML data, correct the error and resubmit the print request. See the XML specification, Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium website. If the XML data does not have an error, the error might be an ACIF logic error. If you used a program to create the XML data, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference for your system for assistance in determining the source of the problem.

Operator response: If this message is displayed on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

| APK2055I | DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE ENCODING SCHEME IDENTIFIER FOR THE USER DATA IS NOT SPECIFIED IN THE ENCODING SCHEME TRIPLET ON THE BDM STRUCTURED FIELD.

Explanation: The Encoding Scheme Identifier for User Data (ESidUD) is missing on the Encoding Scheme triplet (X'50') on a Begin Data Map (BDM) structured field. This information is required when processing an XML page definition.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: You must provide the encoding scheme for the user data. For more information about the structured field, see *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2056I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE SAME QUALIFIED TAG WAS SPECIFIED IN XMD STRUCTURED FIELD NUMBERS *number1* AND *number2*. ALL QUALIFIED TAGS MUST BE UNIQUE IN THE SAME DATA MAP.

Explanation: All XML Descriptor (XMD) structured fields in a data map must have a unique qualified tag specified; except for these types of XMD structured fields:

- Default Page Header
- Default Page Trailer
- Field
- Conditional Processing
- Attribute

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. For information about the structured field, see *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2057I	DATA IN A PAGEDEF RESOURCE IS NOT VALID: RELATIVE INLINE POSITIONING ON AN XMD STRUCTURED FIELD CAN ONLY BE USED TO PLACE TEXT DATA.

Explanation: One of the following items is specified on an XML Descriptor (XMD) structured field that uses relative inline positioning:

- A Resource Object Include
- Extended Resource Local ID
- Bar Code Symbol Descriptor
- Graphics Descriptor triplet

You must use absolute inline positioning when including a page segment, overlay, or object with an XMD structured field. You must also use absolute inline positioning when generating a bar code or graphics object with an XMD structured field.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: You need to change your inline positioning to an absolute value. For information about the structured field, see *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2072I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: AN INCORRECT COMBINATION OF TRIPLETS WAS SPECIFIED WHEN MAPPING A DATA OBJECT FONT IN AN MDR STRUCTURED FIELD.

Explanation: When mapping a data object font (DOF) in a Map Data Resource (MDR) structured field, you must also specify a Fully Qualified Name (FQN) type X'DE', FQN type X'BE', and DOF Descriptor X'8B' triplets. In addition, the FQN type X'BE' triplet must specify a one-byte local ID.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. For information about the structured field, see *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference*. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2073I   DATA IN AN INPUT RECORD IS NOT VALID: THE FULLY QUALIFIED TRIPLET TYPE AND THE OBJECT TYPE SPECIFIED IN A REPEATING GROUP ON A PREPROCESS PRESENTATION OBJECT STRUCTURED FIELD DO NOT AGREE.

Explanation: When a repeating group in a Preprocess Presentation Object (PPO) structured field is mapping an object container, you must use a Fully Qualified Name (FQN) triplet of type X'CE'. When the repeating group is mapping an IOCA object or overlay, you must use an FQN triplet of type X'84'.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. It is possible that the problem is the object type OID specified in the X'10' Object Classification triplet. It might specify that a TrueType or OpenType collection is being mapped when a font was mapped. For information about the correct format of the referenced structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference for your system for assistance in determining the source of the problem.

APK2074I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: AN MDR STRUCTURED FIELD IS MAPPING THE NAME OF A TRUETYPE OR OPENTYPE COLLECTION.

Explanation: When mapping a data object font (DOF), you can specify only the name of a TrueType or OpenType font. This font might be stored in a collection, but the Map Data Resource (MDR) structured field needs the font name in the collection.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. It is possible that the problem is the object type OID specified in the X'10' Object Classification triplet. It might specify that a TrueType or OpenType collection is being mapped when a font was mapped. For information about the correct format of the referenced structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

| APK2075S | TRCS ARE NOT ALLOWED WITH A PAGE THAT HAS FONTS MAPPED IN BOTH AN MCF AND AN MDR. THE DATA MAP BEING PROCESSED IS *datamap*.

Explanation: You can use table reference characters (TRCs) with fonts mapped in a Map Coded Font (MCF) structured field (FOCA fonts) or a Map Data Resource (MDR) structured field (TrueType and OpenType fonts). However, you cannot have a mixture of both types of fonts in a data map and use TRCs.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: Change your page definition to use either all FOCA fonts (mapped in an MCF) or all TrueType or OpenType fonts (mapped in an MDR).

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

| APK2076I | PAGE BASED SOSI PROCESSING HAS BEEN REQUESTED BUT A SINGLE BYTE FONT WITH A FONT ID OF 1 AND A DOUBLE BYTE FONT WITH A FONT ID OF 2 HAVE NOT BEEN MAPPED. THE DATA MAP BEING PROCESSED IS *datamap*.

Explanation: When doing page-based SOSI processing, there is switching back and forth between the same two fonts. As a result, there must be two fonts mapped by using font IDs 1 and 2.

System action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User response: Change your page definition to map a single-byte font with font ID 1 and a double byte font with font ID 2. For information about how to map fonts to specific font IDs, see the documentation for the application that you use to generate page definitions.

System programmer response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

| APK2077I | DATA IN AN INPUT RECORD IS NOT VALID: AN INLINE TRUETYPE OR OPENTYPE COLLECTION DOES NOT HAVE ANY BASE FONTS SPECIFIED.

Explanation: The Begin Resource (BRS) structured field must have Fully Qualified Name triplet of type X'6E' for each base font contained in the collection.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. For information about the correct format of the referenced structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference for you system for assistance in determining the source of the problem.

| APK2078I | DATA IN AN INPUT RECORD IS NOT VALID: AN INLINE RESOURCE HAS AN INCORRECT SPECIFICATION OF BASE FONTS, LINKED FONTS, OR MAPPED CMRS.

Explanation: A Begin Resource (BRS or BR) structured field has an error. Base fonts (Fully Qualified Name triplets of type X'6E') can only be specified for TrueType or OpenType collections. Linked fonts (Fully Qualified Name triplets of type X'7E') can only be specified for a TrueType or OpenType font or for a base font of a TrueType or OpenType collection. Mapped CMRs (Fully Qualified Name triplets of type X'41') can only be specified for color management resources (CMRs).

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set, correct the error and resubmit the print request. Refer to Mixed Object Document Content Architecture Reference for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be an ACIF logic error. If

you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK2079I   THE INFORMATION NEEDED TO DESCRIBE A TRUETYPE OR OPENTYPE FONT OR COLLECTION *name* **EXCEEDS THE BEGIN OBJECT CONTAINER STRUCTURED FIELD.**

Explanation: The number of names and linked fonts for a TrueType or OpenType font or the number of base fonts and linked fonts for a TrueType or OpenType collection exceeds the Begin Object Container structured field.

System action: ACIF stops processing the object container.

User response: You cannot collect this TrueType or OpenType font or font collection.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of you system for assistance in determining the source of the problem.

APK2080I   INPUT DATA *inputdata* **CANNOT BE CONVERTED TO AN ENCODING OF** *ccsid*. **RETURN CODE** *returncode* **AND REASON CODE** *reasoncode* **VALUES WERE RETURNED BY THE CONVERTER.**

Explanation: ACIF must convert the input data to the specified encoding to continue processing. An error occurred during this conversion. If the input data is a resource name, the CCSID indicates that mixed single-byte or double-byte EBCDIC data is being converted to mixed single-byte or double-byte ASCII data for a QR Code Bar code. If the error occurs on data for a bar code, only the first 50 bytes of the data are shown in the message. The return codes and reason codes are returned by the system's conversion services (ICONV on z/OS and UCONV on AIX and Windows). Refer to the system documentation for these conversion services for more information about the errors.

System action: ACIF stops processing the input file and issues a message identifying the position of the structured field in the file or resource.

User response: Correct the error as described by the system documentation for the conversion service.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK2082I   DATA IN AN INPUT RECORD IS NOT VALID. RESOURCE *resourcename* **IS SPECIFIED ON A PREPROCESS PRESENTATION OBJECT (PPO) STRUCTURED FIELD BUT IS NOT MAPPED IN THE RESOURCE ENVIRONMENT GROUP.**

Explanation: All resources specified on a PPO structured field must be mapped in the Resource Environment Group (REG). Overlays must be mapped with a Map Page Overlay (MPO) structured field. IOCA image and object containers must be mapped with a Map Data Resource (MDR) structured field.

System action: ACIF stops processing the input file and issues a message identifying the position of the structured field in the file or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. For information about the correct format of the referenced structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If a licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid.

| **APK2083I**   DATA IN A PAGEDEF RESOURCE IS NOT VALID: DATA MAP *data map name* HAS RECORD
| FORMAT IDs THAT ARE NOT THE SAME LENGTH.

| **Explanation:** All the record format IDs for a data map in a page definition must be the same length. Blanks can be
| used in the record format ID to make it the required length.

| **System action:** ACIF stops processing the current data set and issues additional messages that identify the
| processing environment when the error was found.

| **User response:** If you created the structured fields for the page definition, correct the error and resubmit the print
| request. For information about the structured field, see *Advanced Function Presentation: Programming Guide and Line
| Data Reference*. If the structured field is correct, the error might be an ACIF or printer logic error. If you used a
| program to create the structured fields for the page definition, contact your system programmer.

| **System programmer response:** If a licensed program was used to create the structured fields for the page definition
| with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference for your
| system for assistance in determining the source of the problem. If the error involves separator pages or the message
| data set, use the information in the User Response section to correct the error.

| **APK2084I**   DATA IN AN INPUT RECORD IS NOT VALID: THE LENGTH OF DATA IN RECORD NUMBER
| *record number* DOES NOT MATCH THE LENGTH REQUIRED FOR THE USER DATA TYPE
| SPECIFIED IN THE PAGE DEFINITION.

| **Explanation:** The possible causes of this error depend on the type of user data specified in the page definition:
| • If you specified UTF16 data, the record length must be a multiple of 2.
| • If you specified UTF8 data, the length of each character can vary from 1 to 4 bytes.

| **System action:** ACIF stops processing the current data set and issues a message identifying the position of the error
| in the input data stream. ACIF issues additional messages that identify the processing environment when the error
| was found.

| **User response:** If you created the data, correct the data in the record to match the specified data type, and resubmit
| the print request. If the data has no error, the error might be an ACIF logic error. If you used a program to create the
| data, contact your system programmer.

| **System programmer response:** If a licensed program was used to create the data with the error, verify that the
| input to that program is valid.

APK2088I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: STRUCTURED FIELD
             structuredfield HAS AN INCORRECT SCOPE VALUE ON A CMR DESCRIPTOR TRIPLET.

Explanation: The scope value is not correct on the Color Management Resource (CMR) Descriptor triplet, X'91', for
the specified structured field.

System action: ACIF stops processing the print data set and issues a message identifying the position of the
structured field in the data stream or resource.

User response: If you created the structured fields, correct the error and resubmit the print request. Refer to Mixed
Object Document Content Architecture Reference for more information about the structured field. If the structured
field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured
fields, contact your system programmer.

System programmer response:

| **APK2089I**   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE *structuredfield* STRUCTURED
| FIELD CONTAINS UNPAIRED FQN X'DE' AND CMR DESCRIPTOR TRIPLETS.

| **Explanation:** When specifying a color management resource (CMR), the CMR Descriptor triplet (X'91') must
| immediately follow a Fully Qualified Name (FQN) triplet with an FQNType of Data Object External Resource
| Reference (X'DE').

| **System action:** ACIF stops processing the print data set and issues a message identifying the position of the
| structured field in the file or resource.

| **User response:** If you created the structured fields, correct the error and resubmit the print request. For information

about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2090I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: STRUCTURED FIELD *structuredfield* **HAS AN INCORRECT PROCESSING MODE VALUE ON A CMR DESCRIPTOR TRIPLET.**

Explanation: The processing mode value is not correct on the Color Management Resource (CMR) Descriptor triplet, X'91', for the specified structured field. Only audit, instruction, or device link CMR modes are valid.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the file or resource.

User response: If you created the structured fields, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2093I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A REPEATING GROUP IN AN MDR STRUCTURED FIELD CONTAINS AN INCOMPLETE SPECIFICATION FOR A CMR.

Explanation: A repeating group in a Map Data Resource (MDR) structured field for a color management resource (CMR) is missing one or both of the following information:

- a Fully Qualified Name (FQN) triplet (X'02') with an FQNType of Data Object External Resource Reference (X'DE')
- a CMR Descriptor triplet (X'91')

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the file or resource.

User response: If you created the structured fields, correct the error and resubmit the print request. For more information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2096I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A COLOR MANAGEMENT RESOURCE (CMR) NAME HAS AN ERROR.

Explanation: A problem exists with the name of a color management resource (CMR) that was specified in a Map Data Resource (MDR) or a Begin Resource (BRS or BR) structured field. The possible problems are:

- A link (LK) CMR cannot be specified in an MDR.
- A generic CMR must have a type of tone transfer curve (TTC) or halftone (HT).
- A pass-through CMR must have a type of color conversion (CC).
- The CMR name length must be 73 bytes in single-byte encoding or 146 bytes in double-byte encoding.
- A device link (DL) CMR is device-specific and cannot be generic.

System action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the file or resource.

User response: If you created the structured fields, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not

have an error, the error might be an ACIF logic error. If you used a program to create the structured fields, contact your system programmer.

System programmer response: If a licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2102I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: STRUCTURED FIELD *structuredfield* **HAS AN INCORRECT OBJECT TYPE IN AN OBJECT OFFSET TRIPLET.**

Explanation: The object type in an Object Offset triplet (X'5A') is not correct. The object type must be "document" if the selected object is a document type object and "page" if the selected object is a page or paginated object.

System action: ACIF stops processing the print job.

User response: If you created the structured fields, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2103I   DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE *structuredfield* **STRUCTURED FIELD IN A PAGE DEFINITION IS MISSING A CMR DESCRIPTOR TRIPLET.**

Explanation: When specifying a color management resource (CMR), a CMR Descriptor triplet (X'91') must immediately follow a Fully Qualified Name (FQN) triplet with an FQNType of Data Object External Resource Reference (X'DE').

System action: ACIF stops processing the data set.

User response: If you created the structured fields, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2104I   TOO MANY CMRs HAVE BEEN SPECIFIED.

Explanation: One of these conditions occurred:

- Too many color management resources (CMRs) were specified in the data object resource access table (RAT) to fit on the Include Object (IOB) command or the Preprocess Presentation Object (PPO) command.
- Too many CMRs were specified on a Begin Image (BIM) or Begin Object Container (BOC) structured field to write the OID from the data object RAT on the BIM or BOC.

System action: ACIF stops processing the data set.

User response: You must specify thousands of CMRs to create this condition. Contact the generator of your data stream to have the extraneous CMRs removed.

System programmer response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2105W   THE DATA STREAM IS MISSING STRUCTURED FIELD *structuredfield***.**

Explanation: A Begin Named Group (BNG) structured field must have a matching End Named Group (ENG) structured field. However, an ENG structured field was not found for at least one BNG. Therefore, the indexing created for the data set might not be valid.

System action: ACIF builds the output document and index files as requested, but the output might not be what the user expects.

User response: Check the input data stream to ensure that each BNG structured field has a matching ENG structured field. If it does not meet this requirement, add the missing ENG structured fields.

System programmer response: If an IBM licensed program was used to create the data stream with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2108I	DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A RESOURCE OTHER THAN A CMR HAS BEEN SPECIFIED IN AN MDR STRUCTURED FIELD FOR A FORM DEFINITION.

Explanation: Only color management resources (CMRs) can be specified in a Map Data Resource (MDR) structured field for a form definition.

System action: ACIF stops processing the print job.

User response: If you created the structured fields, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System programmer response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2116S	DATA IN A PAGEDEF RESOURCE IS NOT VALID. CONFLICTING SEQUENCE NUMBER TYPES HAVE BEEN SPECIFIED FOR A CONCATENATED BAR CODE ON A *structuredfield* STRUCTURED FIELD.

Explanation: All segments of a given concatenated bar code must specify the same type of sequence numbering. All segments must specify either sequence numbers or no sequence numbers. Concatenated bar code sequence numbers are part of the Concatenate Bar Code Data triplet (X'93'), which is specified as one of the following structured fields in the page definition:

- Line Descriptor (LND)
- Record Descriptor (RCD)
- XML Descriptor (XMD)

System action: ACIF stops processing the print job.

User response: If you created the structured fields for the page definition, correct the error and resubmit the print request. For information about the structured field, see *Mixed Object Document Content Architecture Reference*. If the structured field does not have an error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System programmer response: If a licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK2120I	DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE INITIAL TEXT CONDITIONS IN THE PTD STRUCTURED FIELD ARE INCORRECT.

Explanation: The Presentation Text Descriptor (PTD) structured field is in the Object Environment Group (OEG) of a PTOCA object. This object can be in a page, overlay, or a resource.

System action: ACIF stops processing the input file and issues another message identifying the position of the structured field in the data stream or resource.

User response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. For information about the correct format of the referenced structured field, see *Presentation Text Object Content Architecture Reference*. If the structured field is correct, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System programmer response: If a licensed program was used to create the structured fields for the object with the

error, verify that the input to that program is valid. If the input is valid, see the diagnosis reference of your system for assistance in determining the source of the problem.

APK3506I   **DATA OBJECT RESOURCE TYPE** *objectid* **COULD NOT BE FOUND IN THE RESOURCE LIBRARY.**

Explanation: The registration ID (object-type OID) for the specified data object resource cannot be read from the resource library. Only objects with valid data object resource names or resource locator names are supported by ACIF. The registration ID is specified in the object classification triplet on an IOB, BOC, BR, or MDR structured field. If the *objectid* specified in this message is ***, ACIF either does not support the registration ID or does not have enough information to identify the *objectid*.

System action: If this error is encountered when processing a Resource Environment Group (REG), PSF skips over this particular data object resource and tries to process any other resources specified in the REG. If this error is encountered while processing a page or overlay object, PSF terminates the page or overlay object. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues additional messages that identify the processing environment when the error was found.

User response: If you created the structured fields for the data object resource, ensure that the registration ID is correct. If the registration ID is correct, submit the print job to a printer that supports this object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System programmer response: If an IBM licensed program was used to create the structured fields, verify that the input to that program was valid and the correct printer is being used. If the input was valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK3507I   **RESIDENT COLOR PROFILE** *type*, **OBJECT ID** *objectid*, **WAS NOT FOUND IN THE RESOURCE LIBRARY.**

Explanation: The resident color profile with object ID (object-type OID) was not found because no resource locator name was specified. ACIF cannot access objects by OID name only.

System action: ACIF ignores the request for the resident color profile and, because the profile is not necessary, continues processing.

User response: Modify the structured field that refers to the object to include a resource locator triplet.

System programmer response: None.

Part 5. Structured APIs messages

Chapter 10. Introduction to messages for the structured APIs

Structured APIs provide customer applications in CICS®, IMS™, TSO, and batch environments with the ability to invoke the following server functions.

Table 1. Server functions and their descriptions

Function	Description
LOGON	Establishes a connection to the OnDemand library server. After a successful logon, the server returns a list of authorized folders that can be accessed by a specific user.
FOLDER OPEN	Identifies the folder name to be processed by subsequent search and retrieve requests.
HIT LIST	Requests that the OnDemand server return a list of items that match the user-supplied search criteria.
RETRIEVE	Retrieves a document from an OnDemand archive.
LOGOFF	Allows users to log off from an OnDemand server.
RELEASE	Frees storage areas that are used in the running of the LOGON, FOLDER OPEN, HIT LIST, and RETRIEVE functions.

Chapter 11. Structured APIs messages

The structured APIs return informational and error messages in field CS-Message of the common structure, which is defined in the sample copybook ARSZDCWS. Messages that indicate function-related conditions can be up to 160 bytes in length. Messages that indicate data-related conditions contain criteria field names, values, and the reason that they might be invalid.

9101   Undefined function

Explanation: The value in CS-Request is not recognized.

User response: Correct the specified request.

9102   Failed to get 32-bit Internet address

Explanation: The interface program was unable to convert the IP address to its internal format. Verify that the IP address was entered correctly. If the IP address is correct, this message might indicate an installation problem.

User response: Notify the Report Administrator.

9103   Get stream socket failed

Explanation: The interface program was unable to open a socket in TCP/IP. This message might indicate a TCP/IP setup problem.

User response: Notify the Report Administrator.

9104   Error connecting to server

Explanation: The interface program was unable to connect to the mid-tier server. This message can indicate that the mid-tier server is not active or that the port number which was specified for the mid-tier server is incorrect.

User response: Verify that the mid-tier server is active, and correct the IP address and port number. If the problem persists, notify the Report Administrator.

9105   Error sending Common Structure

Explanation: The interface program cannot send the Common Structure to the mid-tier server. This message indicates a probable logic problem.

User response: Contact your IBM service representative.

9106   Error sending Logon Structure

Explanation: The interface program cannot send the Logon Structure to the mid-tier server. This message indicates a probable logic problem.

User response: Contact your IBM service representative.

9107   Error sending Search Criteria Structure

Explanation: The interface program cannot send the Search Criteria Structure to the mid-tier server. This message indicates a probable logic problem.

User response: Contact your IBM service representative.

9108　　　　　**Error sending Retrieve document**

Explanation:　The interface program was unable to send the Retrieve Document Structure to the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9109　　　　　**Error receiving Folder List**

Explanation:　The interface program cannot receive the Folder List Structure from the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9110　　　　　**Error receiving Folder Criteria**

Explanation:　The interface program cannot receive the Folder Criteria Structure from the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9111　　　　　**Error receiving Hit List**

Explanation:　The interface program cannot receive the Hit List Structure from the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9112　　　　　**Error receiving Document**

Explanation:　The interface program cannot receive the Document Structure from the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9113　　　　　**Error receiving the Common Structure**

Explanation:　The interface program cannot receive the Common Structure from the mid-tier server. This message indicates a probable logic problem.

User response:　Contact your IBM service representative.

9114　　　　　**Error freeing memory pointed to by pFolderList**

Explanation:　The RELEASE request to free the Folder List Structure failed. This error is usually due to an inadvertent overlay of the structure.

User response:　Review the application program for possible storage overlay.

9115　　　　　**Error freeing memory pointed to by pFolderCriteria**

Explanation:　The RELEASE request to free the Folder Criteria Structure failed. This error is usually due to an inadvertent overlay of the structure.

User response:　Review the application program for possible storage overlay.

9116　　　　　**Error freeing memory pointed to by pHitList**

Explanation:　The RELEASE request to free the Hit List Structure failed. This error is usually due to an inadvertent overlay of the structure.

User response:　Review the application program for possible storage overlay.

9117 **Error freeing memory pointed to by pDocument**

Explanation: The RELEASE request to free the Document Structure failed. This error is usually due to an inadvertent overlay of the structure.

User response: Review the application program for possible storage overlay.

9118 **No hits found for** *connection_id*

Explanation: The HIT LIST request did not result in any hits that met the search criteria.

User response: Change the search criteria and retry the HIT LIST request.

9119 **No match found for** *connection_id*

Explanation: The FOLDER OPEN request did not find the requested folder name in the active folder list.

User response: Correct the folder name to match an entry in the folder list.

Note: If the OnDemand server is operating in OnDemand Version 2 Compatibility mode with a Version 2 server, verify that the Folder List Limit value is large enough to return all of the available Version 2 folders and the requested Version 7 folders.

9120 **Error freeing memory pointed to by pNote**

Explanation: The RELEASE request to free the annotations list structure failed. This error is usually due to an inadvertent overlay of the structure.

User response: Review the application program for possible storage overlay.

9121 **Error sending Retrieve Note Structure**

Explanation: The interface program cannot send the annotations structure to the mid-tier server. Probable logic problem.

User response: Notify OnDemand for z/OS support.

9122 **Error sending Retrieve Note Structure**

Explanation: The interface program cannot receive the annotations list structure from the mid-tier server. Probable logic problem.

User response: Notify OnDemand for z/OS support.

9123 **"ODFolder.recreateHit Failed for" connectID**

Explanation: The mid-tier server must use the "ODHITobject" to access the ODWEK Java APIs in order to complete the RETRIEVE or ANNOTATIONS request. This message documents the failure of the "ODFolderRecreateHIT" request issued by the mid-tier to recreate the "ODHITobject".

User response: Notify OnDemand for z/OS support.

9124 **"No notes found for" connectID**

Explanation: The mid server received a "no notes" response to a request to retrieve notes for a document.

User response: Review the application program to make sure that the HL-NotesIndicator for the document has a non-zero value.

9125 **"Invalid segment requested"**

Explanation: The Mid Server determined the segment requested is greater than the number of segments in the document.

User response: Change the application program to not request a segment greater than the segment count.

| 9126 | Error while sending the Bulk Retrieve Structure |

Explanation: This message indicates a communication problem, the expected data were not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct any problems you find, and retry the transaction.

| 9127 | Disk Write Mode must be 0 (write directly to disk) or 1 (receive document data in memory then write to disk) |

Explanation: An invalid Disk Write Mode was specified. Valid values are:

1. 0 - write directly to disk
2. 1 - receive document data in memory then write to disk

User response: Enter a valid value of either 0 or 1.

| 9128 | Bulk Retrieve debug trace level must be between 0 and 7 |

Explanation: An invalid Bulk Retrieve debug trace level was specified. Valid values are between 0 and 7.

User response: Enter a value between 0 and 7.

| 9129 | The no. of threads for Bulk Retrieve must be between 0 and 10. |

Explanation: An invalid number of threads for Bulk Retrieve was specified. Valid values are between 0 and 10.

User response: Enter a value between 0 and 10.

| 9130 | The no. of SQLs for Bulk Retrieve must be between 0 and 10. |

Explanation: An invalid number of SQLs for Bulk Retrieve was specified. Valid values are between 0 and 10.

User response: Enter a value between 0 and 10.

| 9131 | "TCP/IP error while sending the Common Structure" |

Explanation: A communication problem occurred due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct them, and try the transaction again.

| 9132 | "Time out error while sending the Common Structure" |

Explanation: This message indicates a communication problem: the expected data was not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

| 9133 | "TCP/IP error while sending the Logon Structure" |

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

| 9134 | "Time out error while sending the Logon Structure" |

Explanation: This message indicates a communication problem: the expected data was not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9135 "TCP/IP error while sending the Search Criteria Structure"

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9136 "Time out error while sending the Search Criteria Structure"

Explanation: This message indicates a communication problem: the expected data was not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9137 "Memory Allocation error while sending the Retrieve Request Structure"

Explanation: The interface program was unable to allocate memory to hold the Retrieve Request Structure before sending it to the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9138 "TCP/IP error while sending the Retrieve Request Structure"

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9139 "Time out error while sending the Retrieve Request Structure"

Explanation: This message indicates a communication problem: the expected data was not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9140 "Memory Allocation error while sending the Retrieve Note Structure"

Explanation: The interface program was unable to allocate memory to hold the Retrieve Note Structure before sending it to the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9141 "TCP/IP error while sending the Retrieve Note Structure"

Explanation: This message indicates a communication problem as a result of an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9142 "Time out error while sending the Retrieve Note Structure"

Explanation: This message indicates a communication problem: the expected data was not received by TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9143 "TCP/IP error while receiving the Common Structure"

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9144   **"Time out error while receiving the Common Structure"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9145   **"Memory Allocation error while receiving the Folder Name list"**

Explanation: The interface program was unable to allocate memory to hold the Folder Name list returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9146   **"Memory Allocation error while receiving the Folder Description list"**

Explanation: The interface program was unable to allocate memory to hold the Folder Description list returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9147   **"Memory Allocation error while receiving the Folder List Structure"**

Explanation: The interface program was unable to allocate memory to hold the Folder List Structure returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9148   **"TCP/IP error while receiving the Folder List"**

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9149   **"Time out error while receiving the Folder List"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9150   **"Memory Allocation error while receiving the Folder Criteria Structure"**

Explanation: The interface program was unable to allocate memory to hold the Folder Criteria Structure returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9151   **"TCP/IP error while receiving the Folder Criteria Structure"**

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9152   **"Time out error while receiving the Folder Criteria Structure"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9153   **"Memory Allocation error while receiving the Hit List Structure"**

Explanation: The interface program was unable to allocate memory to hold the Hit List Structure returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9154   **"Memory Allocation error while receiving DocId in the Hit List"**

Explanation: The interface program was unable to allocate memory to hold the DocId in the Hit List returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9155   **"TCP/IP error while receiving the Hit List Structure"**

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9156   **"Time out error while receiving the Hit List Structure"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9157   **"Memory Allocation error while receiving the document"**

Explanation: The interface program was unable to allocate memory to hold the document returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9158   **"Memory Allocation error while receiving the Document Structure"**

Explanation: The interface program was unable to allocate memory to hold the Document Structure returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9159   **"TCP/IP error while receiving the Document Structure"**

Explanation: This message indicates a communication problem due to an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9160   **"Time out error while receiving the Document Structure"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9161   **"Memory Allocation error while receiving the Notes Structure"**

Explanation: The interface program was unable to allocate memory to hold the Notes Structure returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9162   **"Memory Allocation error while receiving the note"**

Explanation: The interface program was unable to allocate memory to hold the note returned by the mid-tier server.

User response: Allocate more memory and retry the job. If the error still occurs, notify OnDemand for z/OS support.

9163   **"TCP/IP error while receiving the Note Structure"**

Explanation: This message indicates a communication problem due an untimely response from TCP/IP. This could be the result of a TCP/IP failure or an overloaded network.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9164   **"Time out error while receiving the Note Structure"**

Explanation: This message indicates a communication problem: the expected data was not received from TCP/IP.

User response: Investigate the potential sources of the problem, correct it, and retry the transaction.

9165   **"Invalid criteria"**

Explanation: An invalid search criteria was detected in the Hit List request.

User response: Enter a valid search criteria.

Part 6. XML messages

Chapter 12. Introduction to XML messages

OnDemand includes an XML interface for importing data into, and exporting data from, an OnDemand system. This interface gives user applications and Web interfaces the ability to create an XML file and import a single object or multiple objects into the system. Similarly, objects currently in an OnDemand system can be exported to an XML file and then later imported back into the same system or into another OnDemand system.

The XML messages in this section are associated with the `arsxml` command line routine, which can be used to:

- Import data in an OnDemand XML file into an OnDemand system
- Update data in an OnDemand system
- Delete data from an OnDemand system
- Export data from an OnDemand system

Chapter 13. XML messages

XML messages can occur for a variety of reasons. These reasons include, but are not limited to, the following:
- To present information (such as `arsxml` command syntax, a progress indicator, and so on)
- To prompt the user for information
- To indicate that the input XML file does not conform to the OnDemand XML schema
- To indicate that an error occurred during processing of the `arsxml` command

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ARS7700I

> **Usage: java arsxml add | update | delete | export [options]**
> **Version:** *version*

Explanation: This message displays the syntax of the `arsxml` command.

User response: Informational; no action is required.

ARS7701I

> **Usage: java arsxml export [options]**
> **Version:** *version*
> **Options:**
>> **-h** *hostname*   **Host name (required).**
>> **-u** *username*   **OnDemand user name for logging in.**
>> **-p** *password*   **Password for the specified user name.**
>> **-e** *err*   **Error handling value (default is 'a').**
>>> **a   Stop processing if an error is encountered.**
>>> **c   Continue processing if an error is encountered.**
>> **-r** *ext*   **Export extent value (can be specified more than once).**
>>> **d   Export dependent objects.**
>>> **p   Export permissions.**
>>> **l   Export logical views.**
>> **-d** *directory*   **Directory for the input XML file.**
>> **-i** *file*   **Input XML file.**
>> **-y** *directory*   **Directory for the output XML file.**
>> **-o** *file*   **Output XML file.**
>> **-w** *encode*   **Output XML file encoding value (default is 'UTF-8').**
>> **-v   Enable verbose mode.**

Explanation: This message displays the usage of the `arsxml` export command.

User response: Informational; no action is required.

ARS7702I

> **Usage: java arsxml add | update | delete [options]**
> **Version:** *version*
> **Options:**
>> **-h** *hostname*   **Host name (required).**
>> **-u** *username*   **OnDemand user name for logging in.**
>> **-p** *password*   **Password for the specified user name.**
>> **-d** *directory*   **Directory for the input XML file.**
>> **-i** *file*   **Input XML file (required).**
>> **-e** *err*   **Error handling value (default is 'a').**

a   Stop processing if an error is encountered.
c   Continue processing if an error is encountered.
u   If an object already exists, update it instead of adding it.
-v   Enable verbose mode.
-x Disable Prompting

Explanation: This message displays the usage of the `arsxml add | update | delete` command.

User response: Informational; no action is required.

ARS7703I   **Finished processing file** *inputFile***.**

Explanation: This message indicates that OnDemand finished processing the specified file.

User response: Informational; no action is required.

ARS7704I   **Export process completed.**

Explanation: This message indicates that an export operation completed.

User response: Informational; no action is required.

ARS7705I   **No input file was specified. Do you want to export all of the objects on the system? (Y/N)**

Explanation: Because no input file was specified, OnDemand assumes that you want to export **all** of the objects on
the system. This message prompts you to confirm this assumption.

User response: Type `Y` to continue and export all of the objects on the system; type `N` to stop the export operation.

ARS7706I   **Export process stopped at the user's request.**

Explanation: The export operation was stopped in response to a negative (N) response to message 7705.

User response: Informational; no action is required.

ARS7707I

The *objectType* **object named '***objectName***' is about to be deleted.
Do you want to delete this object? (Y/N)**

Explanation: The command prompts for a confirmation before deleting an object.

User response: Specify `Y` to delete the object or `N` to keep the object.

ARS7708I   **Delete stopped at the user's request**

Explanation: This message is displayed if the user replies negatively to message 7707.

User response: No action is required.

ARS7709I   **Adding** *objectType***,** *objectName*

Explanation: This message displays the progress during an import operation.

User response: Informational; no action is required.

ARS7710I   **Updating** *objectType***,** *objectName*

Explanation: This message displays the progress during an update operation.

User response: Informational; no action is required.

ARS7711I   **Deleting** *objectType*, *objectName*

Explanation: This message displays the progress during a delete operation.

User response: Informational; no action is required.

ARS7712I   **Exporting** *objectType*, *objectName*

Explanation: This message displays the progress during an export operation.

User response: Informational; no action is required.

ARS7713I   **Add of** *objectType*, *objectName* **was successful.**

Explanation: This message is displayed after a successful import operation.

User response: Informational; no action is required.

ARS7714I   **Update of** *objectType*, *objectName* **was successful.**

Explanation: This message is displayed after a successful update operation.

User response: Informational; no action is required.

ARS7715I   **Delete of** *objectType*, *objectName* **was successful.**

Explanation: This message is displayed after a successful delete operation.

User response: Informational; no action is required.

ARS7716I   **Export of** *objectType*, *objectName* **was successful.**

Explanation: This message is displayed after a successful export operation.

User response: Informational; no action is required.

ARS7720E   **Invalid option specified, -***option*

Explanation: An invalid option was passed to the `arsxml` command.

User response: Validate the input options to the `arsxml` command.

ARS7721E   **Value missing or invalid for the -***option* **option.**

Explanation: The specified option requires a value.

User response: Update the option list to include a value for the specified option.

ARS7722E   **Input file name was not specified.**

Explanation: An input XML file is required for the specified action.

User response: Specify the input XML file using the -i option.

ARS7723E   **Host name was not specified.**

Explanation: An OnDemand host name is required.

User response: Specify the OnDemand host name using the -h option.

ARS7724E   **Invalid error handling value specified,** *value***. Valid values are 'a', 'c', and 'u'.**

Explanation: An invalid error handling value was specified.

User response: Update the argument list to include an error handling value of 'a', 'c', or 'u'.

ARS7725E   **Invalid action value specified,** *value***. Valid values are 'add', 'update', 'delete', and 'export'.**

Explanation: An invalid action value was specified.

User response: Update the argument list to include an action value of 'add', 'update', 'delete', or 'export'.

ARS7726E   **The error handling option 'u' can only be used with an action of 'add'.**

Explanation: The error handling option cannot be specified for this action.

User response: Correct the error handling option, -e, to specify a valid value for the action.

ARS7727E   **An error occurred while running this program, error=***errorMsg***.**

Explanation: An exception occurred during the processing of the arsxml command.

User response: See the error message for additional information about the exception.

ARS7728E   **Unable to set encoding value,** *value***.**

Explanation: The specified encoding value is not supported by the arsxml command.

User response: Correct the encoding option, -w, to specify a supported encoding value.

ARS7729E   **The output file,** *outputFile***, could not be written to.**

Explanation: The output file could not be written to.

User response: Verify that the user has permission to write to the specified output file and directory.

ARS7730E   **The input file,** *inputFile***, was not found.**

Explanation: The input file was not found.

User response: Validate the file name specified for the input file option, -i, and validate the directory name specified for the input directory option, -d.

ARS7731E   **Unable to read input stream,** *errorMsg***.**

Explanation: An error occurred when attempting to read an input value provided by the user.

User response: See the error message for additional information about the error.

ARS7732E   **A parsing error occurred in file** *inputFile***, Line** *lineNumber***, Column** *columnNumber***:** *errorMsg***.**

Explanation: An error occurred while parsing the input file.

User response: The input OnDemand XML file contains a syntax error and needs to be modified. The error message contains more information about the type of error. The most common errors include:

*   Missing double quotes around attribute values, for example timeOut=30 should be specified as timeOut="30".
*   Incorrect uppercase or lowercase specified for a keyword, for example timeout="30" should be timeOut="30".
*   A missing end of object tag, for example `<node ...>` should be `<node ... />`

ARS7733E   A parsing error occurred in file *inputFile***:** *errorMsg***.**

Explanation: An internal error occurred while parsing the input file.

User response: The error message contains more information.

ARS7734E   *objectType* **attribute must be specified for the** *objectName* **object.**

Explanation: A required attribute was not specified.

User response: Update the input XML file to specify the required attribute.

ARS7735E   *objectType1* **and** *objectType2* **attributes cannot both be specified for the** *objectName* **object.**

Explanation: More than one mutually-exclusive attribute was specified.

User response: Update the input XML file to specify only one of the attributes.

ARS7736E   A value must be specified for either *objectType1* **or** *objectType2* **for the** *objectName* **object.**

Explanation: One of the listed attribute values must be specified.

User response: Update the input XML file to specify one of the attributes.

ARS7737W   The *attributeType* **attribute of the** *objectType* **object cannot be updated.**

Explanation: An attempt was made to update an attribute that cannot be updated by OnDemand.

User response: Remove the attribute from the input XML file.

ARS7738E   The *attributeValue* **value of the** *objectType* **attribute is not valid for this operating system.**

Explanation: An attempt was made to add or update an attribute value that is not supported on this operating system.

User response: Remove the attribute from the input XML file, or change the value of the attribute to a supported value.

ARS7739E   The *attributeName* **attribute of the** *objectType* **object is not valid for this operating system.**

Explanation: An attempt was made to add or update an attribute value that is not supported on this operating system.

User response: Remove the attribute from the input XML file.

ARS7740E   The *attribute1* **attribute cannot have a value of** *value1* **when the** *attribute2* **attribute has a value of** *value2***.**

Explanation: An attempt was made to add or update an attribute value that is not valid for the current object.

User response: Remove the attribute from the input XML file, or change the value of the attribute to a supported value.

ARS7741E   The *attribute1* **attribute value of the** *objectType* **object is not valid when the** *attribute2* **attribute has a value of** *attributeValue***.**

Explanation: An attempt was made to add or update an attribute that is not valid for the current object.

User response: Remove the attribute from the input XML file, or change the value of the attribute to a supported value.

ARS7742E	**The** *objectType* **object cannot be added because there are already** *maxNumber* **objects associated with the parent object.**

Explanation: An attempt was made to add an object to an object that already has the maximum number of children.

User response: Remove one of the existing child objects before attempting to add a new child object.

ARS7743E	**An** *objectType* **object named** *objectName* **already exists.**

Explanation: An attempt was made to add an object that already exists.

User response: Remove the specified object from the input XML file.

ARS7744E	**An** *objectType* **object named** *objectName* **does not exist.**

Explanation: An attempt was made to delete, update, or export an object that does not exist.

User response: Verify that the specified object exists, or remove the object from the input file.

ARS7745E	**The** *objectType* **object named** *'objectName'* **could not be added because that object is already being processed.**

Explanation: A dependent object cannot be added because it is already being processed.

User response: Check the XML file to verify that the object contains the correct references. In some cases, it may be neccesary to remove a reference from the file and then, after processing the file, update the object with the appropriate reference.

ARS7746W	**The** *objectType* **object cannot be updated.**

Explanation: An attempt was made to update an object that cannot be updated by OnDemand.

User response: Remove the object from the input XML file.

ARS7747E	**The** *objectType* **object cannot be processed on this operating system.**

Explanation: An attempt was made process an object that is not valid for the operating system.

User response: Remove the object from the input XML file.

ARS7748E	**The name** *objectName* **for the** *objectType* **is not valid or is a reserved word.**

Explanation: An attempt was made process to add or update an object with a name attribute which is invalid or a reserved word.

User response: Provide a different name for the object.

ARS7749E	**The** *childObjectType* **object cannot be added to the** *parentObjectType* **object named '** *parentObjectName'*.

Explanation: An attempt was made to add an object that is not valid for the parent object.

User response: Remove the object from the input XML file, or change the parent to a supported value.

ARS7750E	**The** *attributeName* **attribute has a value of** *value*, **but must be greater than or equal to** *minValue*.

Explanation: A value was entered which is lower than the minimum required value.

User response: Specify a value which is larger than or equal to the minimum required value.

ARS7751E   **The objectType object cannot be deleted from the** *parentObjectType* **object named** *parentObjectName***.**

Explanation: An attempt was made to delete an object that cannot be deleted from OnDemand.

User response: Remove the object from the input XML file.

ARS7752W   **The attribute value of** ʹ*_ALL*ʹ **can not be used when adding a** *objectType* **object.**

Explanation: An attempt was made to add an object which contains the reserved word "_ALL" which is not a supported value.

User response: Remove the object from the input XML file.

ARS7753E   **The** *objectType* **object named** *objectName* **can not be added because it does not contain any valid field objects.**

Explanation: An attempt was made to add an object which does not contain a required child object.

User response: Remove the object from the input XML file.

ARS7754E   **Permissions can not be added to the** *objectType* **object named** ʹ *objectName*ʹ **because the authority is set to** ʹ *authorityValue*ʹ**.**

Explanation: An attempt was made to add permissions to an object which does not have access authority.

User response: Remove the object from the input XML file.

ARS7755E   **The** *childObjectName* **object named** ʹ *childObjectType*ʹ **can not be updated unless the parent object is also being updated.**

Explanation: An attempt was made to update a child object during an add.

User response: Remove the object from the input XML file or modify the XML file to update the parent object.

ARS7756E   **The** *childObjectName* **object named** ʹ *childObjectType*ʹ **can not be deleted unless the parent object is being updated.**

Explanation: An attempt was made to delete a child object during an add operation.

User response: Remove the object from the input XML file or modify the XML file to update the parent object.

ARS7757E   **The** *ObjectName* **object named** ʹ *ObjectType*ʹ **can not be deleted.**

Explanation: An attempt was made to delete a system defined object.

User response: Remove the object from the input XML file.

ARS7758E   **The** *attributeName* **attribute has a value of** ʹ *value*ʹ**, but cannot be longer than maxLength characters.**

Explanation: The value you entered is longer than the allowable string length for the field.

User response: Specify a string value which is shorter than or equal to the maximum allowed length.

ARS7759E   **The** *attributeName* **attribute has a value of** *value***, but must be less than or equal to** *maxValue***.**

Explanation: The value you entered is greater than the maximum required value.

User response: Specify a value which is less than or equal to the maximum required value.

ARS7760E   The *attributeName* **attribute has a value of** *value***, but must be less than** *maxValue***.**

Explanation: The value you entered is greater than the maximum required value.

User response: Specify a value that is smaller than or equal to the maximum required value.

ARS7761E   **Add of** *objectType***,** *objectName* **failed.**

Explanation: This message is displayed after a failed import operation.

User response: This is an informational message.

ARS7762E   **Update of** *objectType***,** *objectName* **failed.**

Explanation: This message is displayed after a failed update operation.

User response: This is an informational message.

ARS7763E   **Delete of** *objectType***,** *objectName* **failed.**

Explanation: This message is displayed after a failed delete operation.

User response: This is an informational message.

ARS7764E   **Export of** *objectType***,** *objectName* **failed.**

Explanation: This message is displayed after a failed export operation.

User response: This is an informational message.

ARS7765E   **The value,** *attrValue***, is not valid for the** *attrName* **attribute of the** *objectType* **object.**

Explanation: An invalid value was specified for the attribute.

User response: Update the XML file with a valid value for the attribute.

ARS7766E   **The** *objectType* **named** *objectName* **is about to be deleted. Warning: Data previously loaded in the application cannot be retrieved or viewed if the application is deleted. Do you want to delete this object? (Y/N)**

Explanation: The command prompts for a confirmation before deleting an application.

User response: Enter a Y or an N to confirm or reject the delete of the application.

ARS7767E   **The folder field object requires zero or** *numberOfMappings* **mappings to the application group** *appGroupName* **when the mappingType is set to** *mappingType***.**

Explanation: An incorrect number of mappings was specified for a folder field.

User response: Update the XML file to contain the correct number of mappings.

ARS7768E   **The** *attrName* **attribute is not valid when the folder field is mapped to an application ID field.**

Explanation: A comparison operator was used. It is not valid when the field is mapped to an application ID field.

User response: Update the XML file to remove the specified operator.

ARS7769E   **All of the** *objType* **objects can not be deleted from the** *parentType* **object.**

Explanation: An attempt was made to delete all the objects. At least one object must be present.

User response: Update the XML file to so all of the objects are not deleted.

ARS7770E   **The** *fieldtype1* **field cannot be mapped to the** *fieldtype2* **field. The** *fieldtype2* **field has a data type of** *dataType2* **and the** *fieldtype1* **field has a data type of** *dataType1***.**

Explanation: A mapping was attempted between two fields that are of different data types.

User response: Correct the mapping object to reference a field of the correct data type.

ARS7771E   **All comparison operators are set to 'No'. At least one comparison operator must be set to 'Yes'.**

Explanation: All comparison operators specified were disabled.

User response: Update the XML file to add at least one comparison operator.

ARS7772E   **No comparision operators were set to 'Default'. At least one comparision operator must be set to 'Default'.**

Explanation: No comparison operators were selected as the default operator.

User response: Update the XML file to set at least one operator to the value of 'Default'.

ARS7773E   **The** *dateType* **value of** *value* **is invalid. The** *dateType* **must be in the form of** *format***.**

Explanation: An invalid Date or Time value was specified.

User response: Change the specified value to match the given format.

ARS7774E   **The** *dataType* **value of** *value* **is invalid or does not conform to the System Settings for** *dataType* **values.**

Explanation: An invalid Date or Time value was specified.

User response: Change the specified value to match the system format.

ARS7775E   **An error occurred while executing the JAVA command:** *command*

Explanation: An error occurred while trying to call the Java routine.

User response: Make sure that all of the required Java files are properly installed.

ARS7776E   **The** *appName* **application can not contain index parameters when the value of the indexer attribute is** *indexerType***.**

Explanation: The application cannot contain index parameters.

User response: Update the XML file to remove the index parameters from the application.

ARS7777E   **Starting arsxml. Version:** *Version* **Command Line:** *commandLine*

Explanation: This message displays a start message.

User response: No action is required.

ARS7778E   **The input file,** *inputFile***, is not valid or contains invalid characters.**

Explanation: The input file is not in a valid format.

User response: Validate that the input file is specified correctly and does not contain any invalid characters for the specified encoding.

ARS7779E   **The** *objectType* **named** *objectName* **is about to be deleted.** *numDocs* **documents are loaded in the application group. Do you want to delete this object? (Y/N)**

Explanation: The command prompts for a confirmation before deleting an application group.

User response: Enter a Y or an N to confirm or reject the delete of the application group.

ARS7780E The *attrName* **attribute value was changed from** *oldValue* **to** *newValue* **for consistency.**

Explanation: The attribute was changed from the specified value before processing the object.

User response: No action is required.

ARS7781E **A fieldType** *objectType* **field has already been defined.**

Explanation: A field of this type is already defined.

User response: Remove the field, or modify it to remove the duplication.

ARS7782E **The** *fieldInfo* **object cannot be added because the** *objectName*, *userName*, **does not have userGroupFields enabled for this folder.**

Explanation: The field information cannot be created.

User response: Add a permission object for the user with the userGroupFields attribute enabled.

ARS7783E **The** *attributeName* **attribute has a value of** *value*, **but must be less than or equal to the** *maxAttrName* **attribute which has a value of** *maxValue*.

Explanation: A value was entered which is greater than the maximum required value.

User response: Specify a value which is less than or equal to the maximum required value.

ARS7784E **The** *attributeName* **attribute has a value of** *value*, **but must be less than the** *maxAttrName* **attribute which has a value of** *maxValue*.

Explanation: A value was entered which is greater than the maximum required value.

User response: Specify a value which is smaller than the maximum required value.

ARS7785E **The** *attributeName* **attribute has a value of** *value*, **but must be greater than or equal to the** *minAttrName* **attribute which has a value of** *minAttrName*.

Explanation: A value was entered which is lower than the minimum required value.

User response: Specify a value which is larger than or equal to the minimum required value.

ARS7786E **The** *attributeName* **attribute has a value of** *value*, **but must be greater than the** *minAttrName* **attribute which has a value of** *minAttrName*.

Explanation: The value you entered is lower than the minimum required value.

User response: Specify a value which is larger than or equal to the minimum required value.

ARS7787E **A value of** *'attrValue'* **for the** *objectType* **attribute is not valid for this server.**

Explanation: An attempt was made to add or update an attribute value that is not supported on this server.

User response: Remove the attribute from the input XML file, or change the value of the attribute to a supported value.

ARS7788E **The** *attribute* **attribute of the** *objectType* **object is not valid for this server.**

Explanation: An attempt was made to add or update an attribute that is not supported on this server.

User response: Remove the attribute from the input XML file.

ARS7789E **The** *objectType* **object named '***objectName* **must contain** *min* **or more** *childType* **child objects.**

Explanation: An attempt was made to add or update an object which contains too few child objects.

User response: Specify more than the minimum number of required child objects.

ARS7790E **Index** *indexName1* **and Index** *indexName2* **have the same fields, field order, and attributes.**

Explanation: An attempt was made to add two identical indexes.

User response: Ensure that each index is unique.

ARS7791E **The** *objectType* **object is not valid for this server.**

Explanation: An attempt was made to add or update an object that is not supported on this server.

User response: Remove the object from the input XML file.

ARS7792E **The index object named '***indexName***' cannot contain the field name '***fieldName***' when the** *attrName* **attribute has a value of '***attrValue***'.**

Explanation: An attempt was made to add or update an application Group Index which contains an invalid field.

User response: Update the input XML file to remove the inappropriate field.

ARS7793E **A segment field must be specified for this Application Group.**

Explanation: An attempt was made to add a segment application group without a segment field.

User response: Update the input XML file to add a segment field to the application group.

ARS7794E **The cacheDataLen value and the expDate value must be the same when the storage set contains cache only storage nodes.**

Explanation: An attempt was made to add an application group with differing values of cacheDataLen and expLen.

User response: Update the input XML file to make the values of cacheDataLen and expDate the same.

ARS7795E **The input file contains XML objects that are specified in the wrong order.**

Explanation: The order of objects in the input xml file is incorrect.

User response: The correct order for the XML objects is: 1-user, 2-group, 3-printer, 4-storageSet, 5-applicationGroup, 6-application, 7-folder, 8-cabinet, 9-hold. For more information, see the Content Manager OnDemand Administration Guide. Update the input XML file and verify that it reflects the correct object order.

ARS7796E **A value of _ALL for the name attribute is supported only during export.**

Explanation: A name value of _ALL is supported only for export.

User response: Update the input XML file by excluding the _All attribute. For more information, see the Content Manager OnDemand Administration Guide.

Part 7. Hints and tips

Chapter 14. Troubleshooting scenarios

Incorrect code page conversion of AFP to line data

Symptom

AFP data is displayed incorrectly by the CICS client.

Possible causes

You are affected by this problem if you are trying to view AFP data from a CICS client, and the application was added with a version of OnDemand after 2.2.1.9 and before 7.1.0.10. AFP data viewed by the CICS client is incorrectly converted from code page 1208 to code page 500. The correct conversion is from code page 850 to code page 500.

Action

After you install the 7.1.0.10 PTF, you must delete the application that is defined for the AFP data, and then add it back to the server. You can save a copy of the application and use it to create the new application, so that the parameters do not have to be entered again. You can correct the problem by using the OnDemand administrative client and following these steps:

1. Start the OnDemand administrative client and logon to the server where the AFP data is loaded.
2. Make a temporary copy of the application group that contains the AFP data.
3. Make a temporary copy of the application that contains the AFP data using the original application. Assign the temporary application to the temporary application group.
4. Delete the original application.
5. Make a copy of the temporary application and assign it to the original application group.
6. Delete the temporary application group.
7. Logon to the CICS client to view the data. See the online help in the OnDemand administrative client for more information on these steps.

Cannot read AFP documents in Internet Explorer 6.0

Symptom

Internet Explorer 6.0 fails to render AFP to HTML converted pages.

Possible causes

The enhanced security in Internet Explorer 6.0 no longer allows a browser page to run an applet or JavaScript to retrieve and display pages that do not come from the original page. In Content Manager OnDemand Web Enablement Kit, the applet comes from the mid-tier server and attempts to display a page from the local cache. Internet Explorer 6.0 considers this a security violation, even if the applet that issues the request is signed.

Action

Add the site from where the applet is originated to the list of trusted sites or intranet sites (whichever is relevant) in Internet Explorer 6.0. To add to the list of trusted sites:

1. Start Internet Explorer 6.0.
2. From the Tools menu, select **Internet Options**.
3. Click **Security**.
4. Select **Trusted Sites** from the list of zones.
5. Click **Sites**.
6. Type the relevant site URL in the Add this Web site to the zone field. If the site is not `https://`, then clear the Require server verification (`https:`) for all sites in this zone check box.
7. Click **Add**.
8. Click **OK**.
9. Close Internet Explorer.

Note: Adding to the list of intranet sites is similar, except after Step 4 above, there is an intermediate dialog box, with an **Advanced** button. Clicking **Advanced** yields the same dialog box as in Step 5 above, and the remaining steps are the same.

Unable to initialize PDF document from OnDemand Windows client

Symptom

Trying to view a PDF document from the OnDemand Windows client results in an "Unable to Initialize Document" or "Failure to Initialize Document" message.

Possible causes

The client was unable to start the Adobe Acrobat reader. The most common cause of this problem is an incorrect key value in the Windows registry.

Action

To correct the registry key's value:

1. Using Notepad, create a .reg file that contains these lines:

   ```
   [HKEY_CLASSES_ROOT\AcroExch.Document\DefaultIcon]
   @="C:\\Program Files\\Adobe\\Acrobat 6.0\\Acrobat\\Acrobat.exe,1"
   ```

   Note: If Adobe Acrobat Reader is installed in a different directory than `C:\\Program Files\\Adobe\\Acrobat 6.0\\Acrobat\\`, modify the second line to reflect the actual path.
2. Save the .reg file.
3. Double-click the .reg file to merge this key into the Windows registry.
4. Restart the OnDemand Windows client.

ARSLOAD fails to start

Symptom

The OnDemand Load Data Service (ARSLOAD) fails to start.

Possible causes

Your server is affected by this problem if the OnDemand Load Data service (ARSLOAD) was created by an OnDemand Version 7.1.0.6 or earlier Windows server, and you have configured the service to automatically load data into an instance that is not named ARCHIVE.

Action

Make sure that your OnDemand instance is named ARCHIVE.

Note: This section applies to DB2 Content Manager OnDemand for Multiplatforms only.

ARSLOAD: Unable to establish connection

Symptom

Attempting to run the ARSLOAD command results in a "connection cannot be established" error even though the server is up and the correct host name was specified for the -h parameter.

Possible cause

If you specified only the -h parameter, the name of the default instance must be `archive` and you must be using the default port number (1445). This error can occur if the default instance is not `archive` or you are not using port 1445.

Action

Use the -I parameter to specify the instance in the following cases:
* The name of the default instance is not `archive`.
* You are using a port number other than 1445.
* You are running more than one instance on the same workstation and you want to process an instance other than the default instance.
* You are running ARSLOAD from an object server that resides on a different system or node than the library server.

Note: This section applies to DB2 Content Manager OnDemand for Multiplatforms only.

ARSLOAD error when loading report from spool

Symptom

When attempting to load a report from spool with the following JCL:

```
//ARSLOAD EXEC PGM=ARSLOAD,REGION=0M,
// PARM=('/-A JOBNAME -uadmin -ppassword -v -C F
//       -g "ClaseU" -f -c/u/u1/ctemp ')
//STEPLIB DD DISP=SHR,DSN=ARS.V710.SARSLOAD
//    DD  DISP=SHR,DSN=SYS1.DSN610M.SDSNEXIT
//    DD  DISP=SHR,DSN=DSN610M.SDSNLOAD
//    DD  DISP=SHR,DSN=APK.ACIF.ONDE.SAPKMOD1
//SYSPRINT DD SYSOUT=*
//SYSOUT DD SYSOUT=*
```

This ARSLOAD error occurs:

```
The application >< does not exist within the application group >ClaseU<
```

Possible cause

If you use the -g option to specify an application group, ARSLOAD is unable to determine the application or application group from the spool file. The -G and -A options are ignored. As a result, ARSLOAD tries to perform a load to application group ClaseU, with no application specified, and it fails.

Action

Use "-G WRITER -W CLASEU -A JOBNAME, and have the jobs specify a writer name of CLASEU, for example:

```
PARM=('/-G WRITER -W CLASEU -A JOBNAME -v -f')
```

Important: This action requires that you define each job name as an application.

Note: This section applies to DB2 Content Manager OnDemand for z/OS only.

ARSLOAD not loading from HFS directory

Symptom

ARSLOAD will not load from the HFS directory (/ars/upload) specified in the following JCL statement excerpt:

```
//ARSLOAD ...
// PARM=('-h ARCHIVE -C A -d /ars/upload')
```

Possible cause

The -C and -d parameters are mutually exclusive. If the -C parameter is specified, ARSLOAD will attempt to load from spool and will not monitor the directory specified by the -d parameter.

Action

Remove the -C parameter from the JCL statement excerpt so that it looks like this:

```
//ARSLOAD ...
// PARM=('-h ARCHIVE -d /ars/upload')
```

Note: This section applies to DB2 Content Manager OnDemand for z/OS only.

ARSLOAD unable to store data to cache

Symptom

In an environment with two object servers and a storage set that is defined with a load type of local, the following error occurred:

```
x087770@njros1ud202[/home/x087770] /usr/lpp/ars/bin/arsload -nfv
-hnjros1ud199 -u... -gAH115 -aAH115DCK /ODDownload/AH115DCK.RPT
OnDemand Load Id = 5013-8-0-8FAA-12041-12041
Loaded 616 rows into the database
Document compression type used - OD77. Bytes Stored = 42406<
arsload: 01/30/03 14:02:54 Loading completed
arsload: Processing successful for file /odarsacif/acif1/AH115DCK.RPT<
```

```
An unexpected error occurred. Contact your System Administrator and/or
consult the System Log. File=arsadmin.c, Line=121

arsload: Unable to log load information
arsload: Processing has stopped. The remaining files will NOT be processed.
```

Possible causes

It is incorrect to define a storage set with a load type of local for the System Log
application.

Action

If your system does not use Tivoli Storage Manager, you should assign the System
Log application group to a cache-only storage set on the library server, or specify a
load type of Fixed on the object server.

Note: This section applies to DB2 Content Manager OnDemand for Multiplatforms
only.

LOADEXIT error for DB2 subsystem occurs during otherwise successful ARSLOAD

Symptom

When running ARSLOAD, the load portion appears to work, however, there are
errors referencing DB2 subsystem DSN and it should be DSNA. The error message
is similar to the following:

```
Allocation of connection handle failed
LOADEXIT entry print_error rtn
LOADEXIT SQLSTATE: 58004
LOADEXIT Native Error Code: -99999
LOADEXIT buffer: {DB2 for OS/390}{ODBC Driver}  SQLSTATE=58004  ERRLOC=2
CAF "CONNECT" failed using DB2 system:DSN
RC=0c and REASON=00f30006

>
LOADEXIT exit print_error rtn
Loaded 1 rows into the database
Document compression type used - OD77.  Bytes Stored = >9999<
arsload: 01/01/04 12:00:00 Loading completed
arsload: Processing successful for file >/ars/tmp/HLQ.SYSTEM.LLQ
```

Possible causes

The ARSLOAD JCL is missing a DSNAOINI DD.

Action

Review the ARSLOAD JCL that you submitted to be sure the DSNAOINI DD is
properly specified. The LOADEXIT processing that is failing exists to insert rows in
the proper ODF tables. These row insertions are to notify ODF when the report has
successfully stored and is ready for distribution, should it be part of a distribution.

Check whether the DSNAOINI DD is defined. It should be the same as what you
have in the ARSSOCKD job and point to the `cli.ini` for ODBC. If you have the
DSNAOINI defined, be sure it is correctly directed to the proper ODBC parameter
file.

If you do not use ODF, you should rename the ARSULOAD exit in
/usr/lpp/ars/bin/exits so it is not executed during report loading with
ARSLOAD. The arsuload exit is only necessary for ODF. Rename the exit to
arsuload.bak if the exit exists and you do not have ODF installed.

Note: Depending on your installation, this problem can reference incorrect DB2
subsystems other than DSN.

ARSADMIN fails when attempting to run from USS

Symptom

Attempting to run the OnDemand ARSADMIN program from Unix System
Services (USS) fails with the message: "arsadmin: FSUM7351 not found".

Possible causes

A link is required to run ARSADMIN from USS. It is possible that the link does
not exist.

Action

Make sure that the link exists: look for an external link to ARSADMIN from
/usr/lpp/ars/bin. It will look like this:

```
OD39090:/usr/lpp/ars/bin: >ls -l arsadmin
erwxrwxrwx 1 root root 8 Oct 15 2001 arsadmin -> ARSADMIN
```

Your SARSLOAD PDS will need to be part of STEPLIB, for example:

```
OD39090:/usr/lpp/ars/bin: >echo $STEPLIB
ARSV710.ODMP710.SARSLOAD:DB2.V6R1M0.DSNA.SDSNEXIT:DB2.V6R1M0.SDSNLOAD
```

Instructions for creating the link

If you do not have an external link to ARSADMIN from /usr/lpp/ars/bin, the
ARSISMKD job did not run. This job creates the links in /usr/lpp/ars/bin for
ARSLOAD and other executables, and directories needed by SMP. The ARSISMKD
sample job is in SARSINST. Refer to the section "Allocate SMP/E Target and
Distribution Libraries and Paths" in *Program Directory for IBM Content Manager
OnDemand for z/OS and OS/390*.

Reminder: PTFs that change ARSISMKD or the REXX EXEC that it invokes
(ARSMKDIR) also have a ++HOLD ACTION, which indicates that the ARSISMKD
job must be run again.

Note: This section applies to DB2 Content Manager OnDemand for z/OS only.

ARSADMIN fails with unload [options] syntax

Symptom

When attempting to execute ARSADMIN with the following batch JCL:

```
//ARSLOAD EXEC PGM=ARSADMIN,REGION=0M,TIME=NOLIMIT,
// PARM=('unload -L 5039-2-0-1FAA-8778-8778 -g DLQCY2 ')
//STEPLIB DD DISP=SHR,DSN=SYS1.ONDEMAND.SARSLOAD
//SYSPRINT DD SYSOUT=X,HOLD=YES
//SYSOUT DD SYSOUT=X,HOLD=YES
```

This message occurs:

```
Usage: arsadmin unload [options]
Version: 7.1.0.5
unload Unload a LoadId from OnDemand
  -g <name>  Application Group Name
  -h <hostname> OnDemand Hostname
  -p <passwd> OnDemand User Login Password
  -u <userid> OnDemand User Login Name
  -L <load_id>  LoadId to delete from OnDemand
  -Q Continue if unable to find LoadId in System Log
```

Possible cause

The -h parameter is missing from the PARM section of the JCL statement. (Unlike ARSLOAD, the -h parameter is required with ARSADMIN.)

Action

Add the -h parameter to the JCL statement. Here is some sample JCL for invoking ARSADMIN from a batch job:

```
//OD39090M JOB (TSS40000), 'name',MSGCLASS=1,CLASS=A,
//            MSGLEVEL=(1,1),NOTIFY=OD39090
//PROCESS   OUTPUT  DEFAULT=YES,CLASS=*,JESDS=ALL,OUTDISP=HOLD
//*************************************************************
//STEP1     EXEC PGM=ARSADMIN,REGION=0M,
// PARM='unload -g gname -h ARCHIVE -L 5324-56-0-53FAA-0-0
//            -u OD39090 -p password'
//STEPLIB   DD DISP=SHR,DSN=ARSV710.ODMP710.SARSLOAD
//SYSPRINT  DD SYSOUT=*
//SYSOUT    DD SYSOUT=*
```

Note: This section applies to DB2 Content Manager OnDemand for z/OS only.

Informational messages appear in MVS SYSLOG instead of OnDemand system log

Symptom

The message ARS0082I, among others, is showing up on the MVS SYSLOG instead of in the OnDemand system log folder hitlist.

Action

Check the following items:
- The ars.cache file identified by **SRVR_SM_CFG** in ars.ini. Is the directory (or directories) specified in ars.cache writable by ARSSOCKD?
- Any error messages showing up in the MVS SYSLOG after restarting ARSSOCKD and generating a message that shows up in the MVS SYSLOG, but not in the OnDemand system log folder (for example, directory permission or database authorization errors).
- The /etc/resolv.conf to ensure all parameters are specified correctly. This problem can occur if the DNS name in /etc/resolv.conf is incorrect.

The DB2 log is full

Symptom

The archive log directory for DB2 is full. It has no more space to write the log data to the predefined log directory, and trying to use the db2uexit.disk (or db2uext2.disk) to copy online archived log files from the primary log file directory to the archive log file directory does not seem to work. In this case, you cannot connect to the database.

Action

Try running **ARSDB -y** or **ARSDB -z** to backup the database. If the backup completes, with a return code of 0, the ARSDB removes to unneeded archive log files. If the archive file system is full, then the db2uext2.disk cannot copy files from the primary log. Be sure that the database backups are running and ending with RC=0.

Here is the way that logging works:

1. If the backup returns a Return Code = 0, then the ARSDB program or the ars_db script removes log files from the archive log. If the archive log files are not removed after a backup, then the backup did not give an RC=0.
2. The function of db2uext2.disk or db2uext2.tsm is to copy files from the primary log to the archive log.
3. After the primary log files are copied to the archive log and no applications is attached to a primary log, the DB2 database manager removes the log file or clears the file and reuses it.

As shown, the db2uext2 does not remove any log files. The main function of this exit is to copy log files from the primary to the archive log.

If the problem is with the user exit, then check the /tmp or /arstmp directories for the exit log file. Look for /arstmp/db2uext2.err. If the user exit has a return code higher then 8, it shuts down and does not run again until DB2 is restarted.

SMP/E apply job results in GIM23911E message

Symptom

Performing an SMP/E APPLY CHECK received return code 04, then return code 08. The SMP/E apply job resulted in the following message:

```
GIM239IIE **LINK-EDIT PROCESSING FOR SYSMOD UQXXXXX FAILED FOR MODULE ARSXXX
THE RETURN CODE (12) EXCEEDED THE ALLOWABLE VALUE.
DATE...
```

Later in the linkage edit section, the following message occurred:

```
IEW2606S 4B39 MODULE INCORPORATES PROGRAM MANAGEMENT 3 FEATURES
AND CANNOT BE SAVED IN LOAD MODULE FORMAT
```

Possible causes

This problem is caused by using a partitioned data set (PDS) other than PDSE for certain libraries, most likely, SMPLTS.

Action

Change the allocation of the library. The *Program Directory for IBM Content Manager OnDemand for z/OS and OS/390* states that the library type for certain libraries that are used by OnDemand should be defined as PDSE. These libraries include:

* AARSOBJ1
* SARSDFSD
* SARSLOAD
* SMPLTS

Member ARSBALLO in the SARSINST library AARSOBJ1 should be allocated as "DSNTYPE=LIBRARY".

Note: This section applies to DB2 Content Manager OnDemand for z/OS only.

Other SMP/E tips

Other SMP/E tips for OnDemand include:

* Use FORFMID(XXX) for apply.
* Resolve all ++HOLD system actions after the apply process.
* Refresh LLA when necessary.
* Reapply customization to user exits if the supplied source code is changed.

Attempting to stop DB2 results in SQL1035 message

Symptom

Attempting to stop DB2 Universal Database by using the OnDemand command arsdb -h results in an SQL1035 "Database in use" message.

Possible causes

This problem can occur if an OnDemand database table is damaged.

Action

Review the db2diag.log file for the following type of message:

```
2001-12-12-09.39.02.760439  Instance:archive  Node: 000
PID:24832(db2agent (ARCHIVE))  Appid:*LOCAL.archive.011212143855
buffer_pool_services  sqlbrdpg  Probe:1141  Database:ARCHIVE
DIA3726C  An invalid page checksum was found for page " ".
ZRC=FFFFE119
```

where ZRC refers to a damaged OnDemand database table.

To recover, restore the OnDemand database table from a good backup, and then roll forward.

Note: This section applies to DB2 Content Manager OnDemand for Multiplatforms only.

Chapter 15. IBM Content Manager OnDemand PDF Indexer trace facility

An enhanced tracing capability for the IBM Content Manager OnDemand PDF Indexer is now available. The tracing capability provides assistance to users who are attempting to debug problems, such as when the system fails during the indexing and loading of PDF documents.

To trace or debug a problem with the IBM Content Manager OnDemand PDF Indexer, the following are required:
- The parameter file, which specifies the fields, triggers, indexes and other indexing information
- The PDF input file to process

The parameter file and PDF input file can be processed by running the IBM Content Manager OnDemand PDF Indexer from the command line. For example:

```
arspdoci parmdd=filen.parms inputdd=filen.pdf outputdd=filen.out indexdd=filen.ind
tracedd=filen.trace
```

where

arspdoci
> Name of the command-line version of the IBM Content Manager OnDemand PDF Indexer program

parmdd=
> Specifies the name of the input file that contains the indexing parameters

inputdd=
> Specifies the name of the PDF input file to process

outputdd=
> Specifies the name of the output file that contains the indexed PDF documents created by the IBM Content Manager OnDemand PDF Indexer

indexdd=
> Specifies the name of the output file that contains the index information that will be loaded into the database

tracedd=
> Specifies the name of the output file that contains the trace information

See also: See your DB2 Content Manager OnDemand Indexing Reference for more information about the parameters that may be specified when running the ARSPDOCI program.

After you run the IBM Content Manager OnDemand PDF Indexer with the trace, the output file that is specified by the `tracedd=parameter` contains detailed information about the processing that took place and where the PDF indexer is failing during the process. The trace information identifies whether a trigger was not found, a field was not found, the PDF data was corrupted, there was a problem extracting a PDF page from the document, or even if there was not enough memory or disk space to complete the required operations. The following is an example of the trace information that may be generated by the PDF Indexer.

```
COORDINATES=IN
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
TRIGGER1=UL(7.00,0.25),LR(7.70,0.57),*,'Page:'
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code parse_trigger <----------------
ARSPDOCI completed code parse_quoted_parm <----------------
ARSPDOCI completed code parse_quoted_parm 001 ---------------->
ARSPDOCI completed code parse_trigger 001 ---------------->
FIELD1=UL(7.00,0.48),LR(7.90,0.77),0,(TRIGGER=1,BASE=0)
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code parse_field <----------------
ARSPDOCI completed code parse_subfields <----------------
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code parse_subfields 001 ---------------->
ARSPDOCI completed code parse_field 001 ---------------->
FIELD2=UL(6.11,1.39),LR(7.15,1.57),0,(TRIGGER=1,BASE=0)
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code parse_field <----------------
ARSPDOCI completed code parse_subfields <----------------
ARSPDOCI completed code get_keyword <------------------
.
.
.
ARSPDOCI completed code get_keyword <------------------
ARSPDOCI completed code get_keyword 003 ------------------>
ARSPDOCI completed code arspparm_final_sanity_check <----------------
ARSPDOCI completed code arspparm_final_sanity_check 001 ---------------->
ARSPDOCI completed code ArspProcessOpt <------------
ARSPDOCI completed code ArspOpenIndex <-------------
ARSPDOCI completed code ArspOpenIndex 001 ------------->
Adobe PDF Library version -732512488.-1
Editing is :-1
Number of input pages =130
ARSPDOCI completed code ArspProcessOpt:Calling ArspSearchDocPages()
ARSPDOCI completed code ArspSearchDocPages <------------
ARSPDOCI completed code ArspSearchDocPages:ArspCreateWordFinder()
ARSPDOCI completed code ArspSearchDocPages:PDWordFinderAcquireWordList()
ARSPDOCI completed code ArspSearchDocPages:PDDocAcquirePage()
ARSPDOCI completed code ArspSearchDocPages:ArspSearchPage()
ARSPDOCI completed code ArspSearchDocPages:PDPageRelease()
ARSPDOCI completed code ArspSearchDocPages:PDWordFinderReleaseWordList()
Trigger(s)not found by page 1
ARSPDOCI completed code ArspSearchDocPages 004 ------------>
ARSPDOCI completed code ArspProcessOpt:Calling ArspCloseIndex()
ARSPDOCI completed code ArspCloseIndex <------------
ARSPDOCI completed code ArspCloseIndex 001 ------------->
ARSPDOCI completed code ArspProcessOpt:Calling PDDocClose()
ARSPDOCI completed code ArspProcessOpt 002 ------------>
ARSPDOCI completed code 1
ARSPDOCI completed code ArspFreeParms ()
```

Chapter 16. Table space file systems

Important: This section applies to DB2 Content Manager OnDemand for Multiplatforms only.

When configuring DB2 table space file systems under Solaris, each file system that you define to contain SMS table spaces must be located on a different mount point.

Table 2. SMS table space files systems under Solaris

Directory in ARS.DBFS	Mount Point
/arsdb/db1/SMS	/dev/HDISK6
/arsdb/db2/SMS	/dev/HDISK7

The OnDemand server cannot initialize if you have defined more than one SMS table space file system on the same mount point.

Chapter 17. Tivoli Storage Manager issues

Important: This section applies to DB2 Content Manager OnDemand for Multiplatforms only.

Deleting application groups

If the owner of the OnDemand instance is not root, when a user deletes an application group, OnDemand deletes the application group table(s) from the OnDemand database, but does not delete the application group data from Tivoli Storage Manager. In this case, OnDemand issues message number ARS0022, which states that the user must manually delete the application group data from Tivoli Storage Manager. To delete the data from Tivoli Storage Manager, log on to Tivoli Storage Manager and use Tivoli Storage Manager utilities to delete the filespace in Tivoli Storage Manager that is associated with the application group. The name of the filespace is specified in message number ARS0022. See your Tivoli Storage Manager information for details about logging on to Tivoli Storage Manager and using Tivoli Storage Manager utilities to delete data.

Chapter 18. Detecting network communication errors involving OnDemand

ARSSOCK is a debug option for `arssockd` that logs TCP/IP errors. After ARSSOCK is enabled, it saves the following information to a file:

- Timestamp
- Program in use
- arssock.c line where the problem occurred
- Activity
- Reason code (RC) that is provided by the called function

For example,

```
Wed May 21 13:09:52 2003: OnDemand(1596) -> bind rc = 67
```

where

Wed May 21 13:09:52 2003
> Timestamp

OnDemand(1596)
> The line in arssock.c where the problem occurred

bind   Attempted activity

67   Reason code that is returned by the called function

The usual source of the reason code is the operating system's `errno.h` file. In this example taken from an AIX system, the reason code indicates that the address is already in use. Refer to your operating system documentation for reason codes.

To enable this debug option, you must specify the file to save the debug information in. In the `ars.cfg` file, uncomment or add the following line:

```
ARSSOCK=/tmp/arssock.dbg
```

Important:

- You must have permission to write to the file that is specified by `ARSSOCK=`
- You must provide the full path to the file. You can change the file name and location according to your preferences. Once the debug file is identified, you need to restart the arssockd parent process.

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