

IBM Tivoli Storage Productivity Center



Messages Guide

Version 4.1

IBM Tivoli Storage Productivity Center



Messages Guide

Version 4.1

Note:

Before using this information and the product it supports, read the information in "Notices" on page 919.

This edition applies to version 4, release 1, modification 0 of IBM Tivoli Storage Productivity Center (product numbers 5608-WB1, 5608-WC0, 5608-WC3, and 5608-WC4) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Preface

This publication contains explanations and suggested actions for messages issued by IBM® Tivoli® Storage Productivity Center.

Who should read this guide

This publication is intended for administrators and network operators who need to diagnose problems with IBM Tivoli Storage Productivity Center. A knowledge of the concepts and tasks associated with the IBM Tivoli Storage Productivity Center components is assumed.

Publications

This section lists publications in the IBM Tivoli Storage Productivity Center library and other related publications. It also describes how to access publications online, how to order publications, and how to submit comments on publications.

The publications are available from the IBM publications center at <http://www.ibm.com/shop/publications/order>.

IBM Tivoli Storage Productivity Center publications

Use these publications for information about how to install, configure, and use IBM Tivoli Storage Productivity Center.

The Tivoli Storage Productivity Center publications are available from the IBM Tivoli Storage Productivity Center Information Center at <http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp>. Click **Tivoli Storage Productivity Center**.

For PDF documents, click **IBM Tivoli Storage Productivity Center > Printable documentation**.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM Tivoli Storage Productivity Center and IBM Tivoli Storage Productivity Center for Replication Installation and Configuration Guide</i> | SC27-2337 |
| <i>IBM Tivoli Storage Productivity Center User's Guide</i> | SC27-2338 |
| <i>IBM Tivoli Storage Productivity Center Messages</i> | SC27-2340 |
| <i>IBM Tivoli Storage Productivity Center Command-Line Interface Reference</i> | SC27-2339 |
| <i>IBM Tivoli Storage Productivity Center Problem Determination Guide</i> | GC27-2342 |
| <i>IBM Tivoli Storage Productivity Center Workflow User's Guide</i> | SC27-2341 |

Related publications

This topic provides a list of related IBM publications.

The following table lists related IBM product publications.

| Title | Order Number |
|--|--------------|
| <i>Introduction to Storage Area Network, SAN</i> | SC24-5470 |

| Title | Order Number |
|--|--------------|
| <i>Designing an IBM Storage Area Network</i> | SC24-5758 |
| <i>IBM Tivoli Storage Virtualization Family SAN Volume Controller: Planning Guide</i> | GA22-1052 |
| <i>IBM Tivoli Storage Virtualization Family SAN Volume Controller: Installation Guide</i> | SC26-7541 |
| <i>IBM Tivoli Storage Virtualization Family SAN Volume Controller: Configuration Guide</i> | SC26-7543 |
| <i>IBM Tivoli Storage Virtualization Family SAN Volume Controller: Attachment Guide</i> | SC26-7563 |

IBM Tivoli Storage Productivity Center for Replication publications

Use these publications for information about how to install, configure, and use IBM Tivoli Storage Productivity Center for Replication.

The following table lists the IBM Tivoli Storage Productivity Center for Replication publications. These publications are available in the Information Center at <http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp>.

Click **Tivoli Storage Productivity Center for Replication > Reference > Publications**.

Information for installing, upgrading, and uninstalling IBM Tivoli Storage Productivity Center for Replication is documented in the *IBM Tivoli Storage Productivity Center and IBM Tivoli Storage Productivity Center for Replication Installation and Configuration Guide*.

| Publication Title | Order Number |
|--|--------------|
| <i>IBM Tivoli Storage Productivity Center for Replication for System z v4.1 Installation and Configuration Guide</i> | SC27-2321-00 |
| <i>IBM Tivoli Storage Productivity Center for Replication V4.1 Command-Line Interface User's Guide</i> | SC27-2323-00 |
| <i>IBM Tivoli Storage Productivity Center for Replication V4.1 Problem Determination Guide</i> | GC27-2320-00 |
| <i>IBM Tivoli Storage Productivity Center for Replication V4.1 User's Guide</i> | SC27-2322-00 |

IBM System Storage Productivity Center publications

Use these publications for information about how to install, configure, and use IBM System Storage™ Productivity Center.

These publications are available in the Information Center at <http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp>.

Click **System Storage Productivity Center**.

For PDF documents, click **System Storage Productivity Center > Printable documentation**.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage Productivity Center Introduction and Planning Guide</i> | SC23-8824 |
| <i>IBM System Storage Productivity Center Documentation CD</i> | SCD7-1477 |
| <i>Read This First: Installing the IBM System Storage Productivity Center</i> | GI11-8938 |
| <i>IBM System Storage Productivity Center User's Guide</i> | SC27-2336 |

IBM System Storage DS3000 publications

Use these publications for information about how to install, configure, and use the IBM DS3000.

To see the IBM DS3000 publications, follow these steps:

1. Go to <http://www.ibm.com/servers/storage/support/>.
2. Under Select your product, in the Product Family field, select **Disk systems**.
3. In the Product field, select **DS3200**, **DS3300**, or **DS3400**, as applicable.
4. Click **Go**.
5. In the Support and Download pane, click **Documentation**.
6. Under Documentation, click on a document title.

| Publication Title | Part or Order Number |
|---|----------------------|
| <i>IBM System Storage DS3000 Storage Manager Version 10 Installation and Support Guide for Windows, Linux, NetWare, and VMware</i> | 46M1364 |
| <i>IBM System Storage DS3200 Storage Subsystem Installation, Maintenance, and User's Guide</i> | 46M1361 |
| <i>IBM System Storage DS3300 Storage Subsystem Installation, Maintenance, and User's Guide</i> | 46M1362 |
| <i>IBM System Storage DS3400 Storage Subsystem Installation, Maintenance, and User's Guide</i> | 46M1363 |
| <i>IBM System Storage DS3000 Storage Manager Version 10 Installation and Support Guide for AIX, Linux on POWER, and Sun Solaris</i> | 46M1365 |

IBM System Storage DS4000 and DS5000 publications

Use these publications for information about how to install, configure, and use the IBM DS4000® and IBM DS5000.

To see the IBM DS4000 or IBM DS5000 publications, follow these steps:

1. Go to <http://www.ibm.com/systems/support/storage/disk>.
2. Under Select your product, in the Product Family field, click **Disk systems**.
3. In the Product field, click the appropriate storage system.
4. Click **Go**.
5. Click **Documentation**.
6. Click a document.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage DS4000 Concepts Guide</i> | GC26-7734 |

| Publication Title | Order Number |
|--|--------------|
| <i>IBM System Storage DS4000/DS5000 Fibre Channel and Serial ATA InterMix Premium Feature Installation Overview</i> | GC53-1137 |
| <i>IBM System Storage DS® Storage Manager Version 10 IBM System Storage DS Storage Manager Installation and Host Support Guide</i> | GC53-1135 |
| <i>IBM System Storage DS Storage Manager Version 10.50 Copy Services User's Guide</i> | GC53-1136 |
| <i>IBM System Storage DS4800 Storage Subsystem Quick Start Guide</i> | GC27-2148 |
| <i>DS5100, DS5300 and EXP5000 Quick Start Guide</i> | GC53-1134 |
| <i>IBM System Storage DS4800 Storage Subsystem Installation, User's, and Maintenance Guide</i> | GC26-7845 |
| <i>IBM System Storage DS5100 and DS5300 Storage Subsystems Installation, User's, and Maintenance Guide</i> | GC53-1140 |
| <i>IBM System Storage DS4000/DS5000 Hard Drive and Storage Expansion Enclosure Installation and Migration Guide</i> | GC53-1139 |
| <i>IBM System Storage DS5000 EXP5000 Storage Expansion Enclosure Installation, User's, and Maintenance Guide</i> | GC53-1141 |
| <i>IBM System Storage DS3000, DS4000, and DS5000 Command Line Interface and Script Commands Programming Guide</i> | GC52-1275 |
| <i>IBM System Storage DS4000/DS5000EXP810 Storage Expansion Enclosure Installation, User's and Maintenance Guide</i> | GC26-7798 |

IBM System Storage DS6000 publications

Use these publications for information about how to install, configure, and use the DS6000™.

These publications are available from the DS6000 Information Center on the following Web site:

<http://publib.boulder.ibm.com/infocenter/dsichelp/ds6000ic/index.jsp>

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage DS6000: Host Systems Attachment Guide</i> Note: No hardcopy is produced for this publication. | GC26-7680 |
| <i>IBM System Storage DS6000: Introduction and Planning Guide</i> | GC26-7679 |
| <i>IBM System Storage Multipath Subsystem Device Driver User's Guide</i> | SC30-4096 |
| <i>IBM System Storage DS6000 : Messages Reference</i> | GC26-7682 |
| <i>IBM System Storage DS6000 Installation, Troubleshooting, and Recovery Guide</i> | GC26-7678 |
| <i>IBM System Storage DS6000 Quick Start Card</i> | GC26-7659 |

IBM System Storage DS8000 publications

Use these publications for information about how to install, configure, and use the DS8000® system.

These publications are available from the DS8000 Information Center at <http://publib.boulder.ibm.com/infocenter/dsichelp/ds8000ic/index.jsp>.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage DS8000: Host Systems Attachment Guide</i> Note: No hardcopy is produced for this publication. | SC26-7917 |
| <i>IBM System Storage DS8000: Introduction and Planning Guide</i> | GC35-0515 |
| <i>IBM System Storage DS8000: Command-Line Interface User's Guide</i> | GC53-1127 |
| <i>IBM System Storage DS8000: Messages Reference</i> | GC26-7914 |

IBM System Storage DS Open Application Programming Interface publications

Use these publications for information about how to install, configure, and use the DS CIM agent.

These publications are available at <http://www.ibm.com/servers/storage/support/software/cimdsoapi/>.

Click the **Install** tab > **Documentation**. Make sure you reference the correct document for the CIM agent version.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage DS Open Application Programming Interface 5.4.1 and 5.4.2 Installation and Reference</i> | GC35-0516-04 |
| <i>IBM System Storage DS Open Application Programming Interface 5.3 Installation and Reference</i> | GC35-0516-03 |
| <i>IBM System Storage DS Open Application Programming Interface Reference for CIM agent 5.2</i> | GC35-0516-01 |
| <i>IBM Tivoli Storage Productivity Center DS Open Application Programming Interface Reference for CIM agent 5.1</i> | GC35-0493 |

IBM System Storage SAN Volume Controller publications

Use these publications for information about how to install, configure, and use IBM System Storage SAN Volume Controller.

The following table lists the SAN Volume Controller publications. These publications are available in the SAN Volume Controller Information Center at <http://publib.boulder.ibm.com/infocenter/svcic/v3r1m0/index.jsp>.

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage SAN Volume Controller CIM Agent Developer's Guide</i> | SC26-7904 |
| <i>IBM System Storage SAN Volume Controller Command-Line Interface User's Guide</i> | SC26-7903 |
| <i>IBM System Storage SAN Volume Controller Software Installation and Configuration Guide</i> | SC23-6628 |
| <i>IBM System Storage SAN Volume Controller Host Attachment Guide</i> | SC26-7905 |
| <i>IBM System Storage SAN Volume Controller Planning Guide</i> | GA32-0551 |
| <i>IBM System Storage SAN Volume Controller Troubleshooting Guide</i> | GC27-2227 |
| <i>IBM System Storage SAN Volume Controller Hardware Maintenance Guide</i> | GC27-2226 |

| Publication Title | Order Number |
|---|--------------|
| <i>IBM System Storage SAN Volume Controller Model 2145-8G4 Hardware Installation Guide</i> | GC27-2220 |
| <i>IBM System Storage SAN Volume Controller Model 2145-8A4 Hardware Installation Guide</i> | GC27-2219 |
| <i>IBM System Storage SAN Volume Controller Model 2145-4F2 Hardware Installation Guide</i> | GC27-2222 |
| <i>IBM System Storage SAN Volume Controller Models 2145-8F2 and 8F4 Hardware Installation Guide</i> | GC27-2221 |

IBM DB2 Database for Linux, UNIX, and Windows publications

Use these publications for information about how to install, configure, and use DB2®.

The following table lists some of the IBM DB2 Database for Linux®, UNIX®, and Windows® product publications for Version 9.5.

For a complete list of DB2 publications, go to <http://publib.boulder.ibm.com/infocenter/db2luw/v9r5/index.jsp>.

| Publication Title | Order Number |
|--|--------------|
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Getting started with DB2 installation and administration on Linux and Windows</i> | GC23-5857 |
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Command Reference</i> | SC23-5846 |
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Message Reference Volume 1</i> | GI11-7855 |
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Message Reference Volume 2</i> | GI11-7856 |
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Migration Guide</i> | GC23-5859 |
| <i>IBM DB2 Version 9.5 for Linux, UNIX, and Windows, Troubleshooting Guide</i> | GI11-7857 |

IBM XIV Storage System publications

For information about how to install, configure, and use the IBM XIV® Storage System, use the following link:

<http://publib.boulder.ibm.com/infocenter/ibmxiv/r2/index.jsp>

IBM International Technical Support Organization publications

The IBM International Technical Support Organization (ITSO) publishes IBM Redbooks®, which are books on specialized topics.

You can order publications through your IBM representative or the IBM branch office serving your locality. You can also search for and order books of interest to you by visiting the IBM Redbooks home page at <http://www.redbooks.ibm.com/redbooks>.

For information about IBM System Storage Productivity Center, see *IBM System Storage Productivity Center Deployment Guide*. Search for **SG24-7560**.

For information about IBM Tivoli Storage Productivity Center, see *TotalStorage® Productivity Center V3.3 Update Guide*. Search for **SG24-7490**.

Translations

Translated publications are available within the IBM Tivoli Storage Productivity Center Information Center. The IBM Tivoli Storage Productivity Center Information Center is available in certain translated languages, and is displayed in the language that is appropriate for the Web browser locale setting.

When a locale does not have a translated version, the information center is displayed in English, which is the default language. Translations of the PDFs are available when the information center is translated.

See the "Printable documentation" section of the information center for links to PDFs.

Contact your IBM Support Center for more information about the translated publications and whether these translations are available in your country.

Accessing publications online

This topic provides information on how to access the IBM Tivoli Storage Productivity Center Information Center.

You can access publications in the IBM Tivoli Storage Productivity Center Information Center at <http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp>.

The IBM Tivoli Storage Productivity Center Information Center contains the most recent version of the books in the product library in PDF or HTML formats, or both. Translated documents are also available for some products.

Note: If you print PDF documents on other than letter-sized paper, select the **Fit to page** check box in the **Adobe Acrobat Print** dialog. This option is available when you click **File** → **Print**. **Fit to page** ensures that the full dimensions of a letter-sized page print on the paper that you are using.

Ordering publications

Information is provided for the ordering of IBM publications on the Internet or by telephone.

You can order many IBM publications online at <http://www.ibm.com/shop/publications/order>.

You can also order by telephone. In the United States and Canada, call 800-879-2755. In other countries, please contact your IBM service representative.

Providing feedback about publications

This topic provides information on where to send feedback about the publications.

If you have comments or suggestions about the product and documentation, complete the customer feedback survey at <http://www.ibm.com/systems/support/storage/software/tpc>.

On the left side of the Web page, click **Feedback**.

Contacting IBM Support Center

This topic provides information on how to contact IBM Support Center for information.

For support for IBM Tivoli Storage Productivity Center, you can contact IBM Support Center in one of the following ways:

- Go to the IBM Tivoli Storage Productivity Center technical support Web site at <http://www.ibm.com/systems/support/storage/software/tpc/>.

To receive future support notifications, go to the right and under **Stay informed**, click **Subscribe**. You will be required to enter your IBM ID and password. Once authenticated, you will be able to configure your subscription for Tivoli Storage Productivity Center technical support Web site updates.

- Customers in the United States can call 1-800-IBM-SERV (1-800-426-7378).
- International customers should go to the Tivoli Storage Productivity Center technical support Web site for customer support telephone numbers.

You can also review the *IBM Software Support Handbook*, which is available on our Web site at <http://techsupport.services.ibm.com/guides/handbook.html>.

The support Web site offers extensive information, including a guide to support services; frequently asked questions (FAQs); and documentation for all IBM Software products, including Redbooks and white papers. Translated documents are also available for some products.

When you contact the IBM Support Center, be prepared to provide identification information for your company so that support personnel can readily assist you. Company identification information might also be needed to access various online services available on the Web site. See “Reporting a problem.”

Reporting a problem

This topic provides a list of what information you should have ready when you encounter a problem.

Have the following information ready when you report a problem:

- The IBM Tivoli Storage Productivity Center version, release, modification, and service level number.
- The communication protocol (for example, TCP/IP), version, and release number that you are using.
- The activity that you were doing when the problem occurred, listing the steps that you followed before the problem occurred.
- The exact text of any error messages.

Conventions used in this guide

This section provides information on the conventions used in this publication.

This publication uses several conventions for special terms and actions, and operating system-dependent commands and paths.

The following typeface conventions are used in this publication:

Bold

- Lowercase and mixed-case commands that appear with text

- Command options that appear with text
- Flags that appear with text
- Graphical user interface (GUI) elements (except for titles of windows and dialogs)
- Names of keys

Italic

- Variables
- Values you must provide
- New terms
- Words and phrases that are emphasized
- Titles of documents

monospace

- Commands and command options in examples
- Flags that appear on a separate line
- Code examples and output
- Message text
- Names of files and directories
- Text strings you must type, when they appear within text
- Names of Java methods and classes
- HTML and XML tags also appear like this, in monospace type

For syntax notation, these conventions are used:

- `< >` (less than, greater than symbols) are used to indicate a variable value. Do not type the `< >` symbols.
- `#` is the prompt for the root user on UNIX platforms.
- Uppercase and lowercase characters do matter. Type in commands exactly as shown.

Chapter 1. Introduction to messages

This section provides information about messages for the IBM Tivoli Storage Productivity Center. Refer to the "Component and subcomponent identifiers" topic for additional information about message types and organization.

The Tivoli Storage Productivity Center helps you manage your storage resources by providing network resource discovery and management capabilities.

Messages can appear on the server console or an operator terminal. To help you track server activity and monitor the system, the messages are logged in text files. You can view the files with a standard editing program, such as IBMLink™ and Notepad. The log files for the Data Server are located in the `\install_dir\data\log` directory and the log files for the Device server are located in the `\install_dir\device\log` directory on the manager machine. Before using the Tivoli Storage Productivity Center, you can optionally configure the maximum retention period for each log file. For details about configuring and viewing the log files, see the *IBM Tivoli Storage Productivity Center and IBM Tivoli Storage Productivity Center for Replication Installation and Configuration Guide*. To learn more about IBMLink, see "IBMLink assistance" on page 4.

Understanding the message format

The following example describes the message format:

BTAAC 0001I

Where:

BTAAC

A 3- to 5-character prefix that identifies the component or subcomponent, as described in "Component and subcomponent identifiers."

0001

A 4- to 6-number message identifier.

I The message type:

I Information

E Error

W Warning

Message text variables are displayed in italics.

Component and subcomponent identifiers

This section describes the component and subcomponents identifiers for messages.

IBM Tivoli Storage Productivity Center for Data

| Identifier | Function |
|------------|--------------------|
| ADG | Administrative GUI |
| AGT | Agent |
| ALR | Alert |

| Identifier | Function |
|---------------|--|
| BTM | Tivoli Storage Enterprise Storage Server Common Information Model Agent |
| DBA | Database agent |
| DBG | Database GUI |
| DBS | Database server |
| GEN | General |
| GUI | GUI only |
| INS | Install |
| JSS | Database |
| KEY | License |
| NAA, NAG, NAS | NAS |
| SAA, SAG, SAS | SAN (some SAS messages are related to filesystem extension) |
| SRV | Server |
| STA, STG, STS | Base product (some STA and STS messages are related to filesystem extension) |

IBM Tivoli Storage Productivity Center for Disk

| Identifier | Function |
|------------|---------------------|
| BWN | Disk user interface |
| HWN | Disk Manager |

IBM Tivoli Storage Productivity Center Standard Edition

| Identifier | Function |
|------------|--------------------|
| BTADS | Fabric discovery |
| BTAFM | Fabric API service |

Device server Infrastructure

| Identifier | Function |
|------------|---|
| BTAAC | Common Agent |
| BTACD | Database verifier, SAN database service |
| BTACE | SAN event service, messaging middleware |
| BTACS | Service manager |
| BTAHM | Host manager |
| BTAHQ | Host query |
| BTAIC | In-band change agent |
| BTALG | Logging service |
| BTAMS | Messaging service |
| BTAQE | Query engine |
| BTASA | Scanner agent |

| Identifier | Function |
|------------|---|
| BTASD | SAN manager daemon, fabric user interface |
| BTAZC | Zone control |

Tape Manager

| Identifier | Function |
|------------|--------------|
| HWNTM | Tape Manager |

Performance Manager

| Identifier | Function |
|------------|----------------------------|
| GPC | Performance user interface |
| HWNPMP | Performance Manager |

Management functions

| Identifier | Function |
|------------|---|
| BTAVM | Hypervisor management |
| EMSG | DS8000 Master Console |
| HWNCC | Configuration checking |
| HWNEM | Element manager management |
| HWNLM | Host planner, security planner, and subsystem planner |
| HWNAU | Authentication |
| HWNMG | Database Migration |
| HWNOP | Storage Optimizer |
| HWNRMP | Replication Manager |
| HWNSS | Single sign-on |

Command-line interface

| Identifier | Function |
|------------|------------------------------|
| CMMCI | Command-line interface (CLI) |
| CMMNP | CLI infrastructure |
| CMMUI | CLI infrastructure |

Tivoli Common Agent Services

| Identifier | Function |
|------------|---|
| BTC | Some of these messages begin with the following strings that indicate the source of the messages: DEP Deployer function LOGM Log Manager function CONT Controller function CONN Connector function REG Registration function |
| CTGEM | Agent Manager |

Product integration services

| Identifier | Function |
|------------|--|
| PBCUA | Universal Agent integration with IBM Tivoli Monitoring |

Getting help

This section describes how to obtain help with processing errors by using the Internet and IBMLink/ServiceLink, how to describe errors with keywords, how to obtain online message help, and what information to have available when you contact your service representative.

IBMLink assistance

This section describes how to obtain online help for errors by using the Internet and IBMLink/ServiceLink.

Online help is available through IBMLink/ServiceLink. If your installation has access to IBMLink/ServiceLink, an interactive online database program, you can:

- Search for an existing authorized program analysis report (APAR) that is similar to your problem.
- Search for an available program temporary fix (PTF) for the existing APAR.
- Order the PTF if it is available.
- Create an Electronic Technical Response (ETR) problem report to get assistance from an IBM Tivoli Storage Productivity Center service representative.

The help explanations for the IBM Tivoli Storage Productivity Center messages may suggest that you contact your service representative for additional assistance with processing errors.

Describing an error with keywords

This section gives information about how to describe errors with keywords and tells what information to have available when you contact your service representative.

When you use IBMLink/ServiceLink or call your service representative, accurately describe the problem so that the service representative may quickly help you solve the problem. Identify the processing error with a full set of keywords whenever possible. A **keyword** is a word or an abbreviation used to describe a single aspect of a program failure. Each keyword describes an aspect of a processing error.

The following example displays the necessary set of keywords:

```
56080200n R310 type command function
```

| Where | Represents |
|-----------|-------------------------|
| 56080200n | Component keyword |
| R310 | Release level keyword |
| type | Type-of-failure keyword |
| command | Command keyword |
| function | Function keyword |

Type-of-Failure keyword

The following keywords identify the type of failure that may occur:

| Keyword | Description |
|-------------------------------|--|
| ABENDxxx | Use this keyword when the system ends abnormally. |
| INCORROUT | Use this keyword when incorrect output is received or expected output is missing. |
| LOOP | Use this keyword if a part of the program code runs endlessly; include situations in which a part of the output repeats continuously. |
| MSGmessage_ID | Use this keyword when a message: <ul style="list-style-type: none">• Indicates an internal program error• Is issued in a set of conditions that should not cause it to be issued• Contains invalid or missing data For a description of the message format, see “Understanding the message format” on page 1. |
| WAIT | Use this keyword when you receive no response within a reasonable time that can be perceived as poor response or poor performance. |
| xxxxxxxxxx (Documentation) | Use this keyword when a programming problem appears to be caused by incorrect, missing, or ambiguous information in one of the IBM Tivoli Storage Productivity Center publications. Enter the order number of the publication in place of xxxxxxxxxx. Include the letter prefix and version number, but omit all hyphens, for example, GC32177600. |
| PERFM | Use the performance keyword only when system performance cannot be improved by tuning and performance is below explicitly stated expectations. |

Command keyword

Build keywords based on Tivoli Storage Productivity Center commands. Refer to the *IBM Tivoli Storage Productivity Center Command-line Interface Reference* for a list of the commands.

Function keyword

Use keywords that refer to Tivoli Storage Productivity Center functions.

Chapter 2. Messages

This section lists the messages for the IBM Tivoli Storage Productivity Center.

ADG

ADG0020E: IBM Tivoli Storage Productivity Center for Data - Databases is not installed.

Explanation

IBM Tivoli Storage Productivity Center for Data - Databases is not installed.

Administrator Response

If you would like to monitor and manage RDBMSs in your environment, the IBM Tivoli Storage Productivity Center for Data - Databases product must be installed.

ADG0022E: IBM Tivoli Storage Productivity Center for Data NAS Component is not installed.

Explanation

Cannot perform a NAS Configuration because an IBM Tivoli Storage Productivity Center for Data NAS Component is not installed.

Administrator Response

Contact IBM customer technical support.

ADG0282E: Invalid key specified - Enter a key for *product name*.

Explanation

Invalid key specified - Enter a key for the product.

Administrator Response

You must enter a valid product key. Contact IBM customer technical support if you are not sure about your product key.

ADG0287E: Invalid key specified - key for *product name* already exists.

Explanation

An invalid key was specified. The key for the product already exists.

Administrator Response

You must enter a valid product key. Contact IBM customer technical support if you are not sure about your product key.

ADG0308E: Unable to get *computer name* tracing configuration.

Explanation

Unable to read the current tracing configuration information from the host.

Administrator Response

Set up tracing on the affected agent manually. To do so, go to the Administrative Services > Data Sources node in the navigation tree, select an agent type, select an agent, and click Configure Tracing.

ADG0309E: Unable to set *computer name* tracing configuration.

Explanation

Unable to write the tracing configuration changes to the host.

Administrator Response

Set up tracing on the affected agent manually. To do so, go to the Administrative Services > Data Sources node in the navigation tree, select an agent type, select an agent, and click Configure Tracing.

ADG0315E: Unable to get Server tracing configuration

Explanation

Unable to read tracing configuration data from the server.

Administrator Response

Set up tracing on the server. To do so, go to the Administrative Services > Services node in the navigation tree, select a server type (Data server or Device server), right click the Server service, and select Configure Tracing.

ADG0316E: Unable to set Server tracing configuration

Explanation

Unable to write tracing configuration data to the server.

Administrator Response

Set up tracing on the server. To do so, go to the Administrative Services > Services node in the navigation tree, select a server type (Data server or Device server), right click the Server service, and select Configure Tracing.

ADG0504E: Unable to instantiate editor class: *class name*.

Explanation

Unable to instantiate editor class.

Administrator Response

Contact IBM customer technical support.

ADG0511E: Available licenses exceeded.**Explanation**

Available licenses exceeded.

Administrator Response

Contact IBM customer technical support.

ADG0516E: The agent is not licensed for *product name*.**Explanation**

The agent is not licensed for this IBM Tivoli Storage Productivity Center for Data product.

Administrator Response

Contact IBM customer technical support.

ADG0518E: You must assign an agent to each monitored Symmetrix disk array or unlicense the disk array.**Explanation**

You must assign an agent to each monitored Symmetrix disk array or unlicense the disk array.

Administrator Response

Contact IBM customer technical support to obtain a valid product license.

AGT**AGT0002E: Invalid invocation: *swtchusr*.****Explanation**

There was an invalid invocation of the swtchusr command.

Administrator Response

Contact IBM customer technical support.

AGT0003I: Agent registered.**Explanation**

The agent has been registered.

AGT0004I: Agent started.**Explanation**

The agent has been started.

AGT0006E: Process *process number* is already connected to the server.

Explanation

The identified process is already connected to the server.

Administrator Response

Contact IBM customer technical support.

AGT0007E: Another process is already connected to the server.

Explanation

Another process is already connected to the server, and only one process can be connected to the server at one time.

Administrator Response

Kill all processes and restart the server.

AGT0008E: Job-type should be *job type*, but it is *job type*.

Explanation

The job type for the scheduled job is invalid.

Administrator Response

Contact IBM customer technical support.

AGT0010E: Class not found: *class name*.

Explanation

The class identified was not found in the Classpath.

Administrator Response

Contact IBM customer technical support.

AGT0011E: *class name* does not inherit from *class name*.

Explanation

The class identified is not inherited from the correct class.

Administrator Response

Contact IBM customer technical support.

AGT0012E: *class name* does not have appropriate constructor.

Explanation

The identified class does not have appropriate constructor.

Administrator Response

Contact IBM customer technical support.

AGT0013E: Error constructing *class name*.

Explanation

An error occurred trying to construct the identified class.

Administrator Response

Contact IBM customer technical support.

AGT0016E: Read from pipe failed.

Explanation

An error occurred while trying to read from a pipe.

Administrator Response

Contact IBM customer technical support.

AGT0017E: Write to pipe failed.

Explanation

An error occurred while trying to write to a pipe.

Administrator Response

Contact IBM customer technical support.

AGT0018E: Close of pipe failed.

Explanation

An error occurred while trying to close a pipe.

Administrator Response

Contact IBM customer technical support.

AGT0031E: User *user name* does not exist.

Explanation

While trying to perform a swtchusr command, it was determined that the identified User does not exist. Verify that the User does exist.

Administrator Response

Contact IBM customer technical support.

AGT0032E: Cannot exec user *command* shell *shell* -- errno = *arguments error message*.

Explanation

An error occurred while trying to execute the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0033E: *initgroups command(shell)* fails -- errno = *arguments error message*.

Explanation

The *initgroups* command for the User identified has failed with the reported error message.

Administrator Response

Make sure the user exists and has the proper authority, if the problem still persists contact IBM customer technical support.

AGT0034E: Cannot create log-file in *directory* -- errno = *arguments error message*.

Explanation

A log-file cannot be created in the specified directory.

Administrator Response

Contact IBM customer technical support.

AGT0035W: Error reading *logical volume*.

Explanation

The specified logical volume cannot be read.

AGT0036W: Error deserializing from *file name*.

Explanation

An error has occurred trying to deserialize the job state from the specified file.

AGT0037W: Premature end of file -- *file name*.

Explanation

An end of file condition occurred on the specified file before all information needed was read.

AGT0038W: Class *class name* not found restoring from *file name*.

Explanation

The specified class was not found restoring from it from the specified file.

AGT0039W: Object restored from *file name* is not *class name*, Object is *class name*.

Explanation

The object restored from specified file is not the class that was expected.

AGT0040E: Agent Shutting down.

Explanation

The agent is shutting down, review the Agent logs for any error information.

Administrator Response

Contact IBM customer technical support.

AGT0041E: Agent not registered.

Explanation

The agent is not registered.

Administrator Response

The agent must be registered in Administrative Services.

AGT0042E: Error writing *file name*.

Explanation

An error occurred while trying to write the specified filename.

Administrator Response

Contact IBM customer technical support.

AGT0043E: Error serializing to *file name*.

Explanation

An error has occurred trying to serialize an object to the specified filename.

Administrator Response

Contact IBM customer technical support.

AGT0044E: Fatal error -- cannot connect to self *port number*.

Explanation

A fatal error has occurred while trying to connect to the specified port.

Administrator Response

Contact IBM customer technical support.

AGT0045E: Error parsing *configuration file on line line number*.

Explanation

An error has occurred while parsing the specified configuration file at the specified line number.

Administrator Response

Contact IBM customer technical support.

AGT0046W: In agent.config, *key name* is not an integer -- default of *default key number* used.

Explanation

In agent.config, the key name specified is not an integer value, the default value for that key will be used.

Administrator Response

Check the agent.config file for the specified Key Name and correct the value to be a valid integer. The agent must be restarted to pick up the change.

AGT0047E: In agent.config, *key name* is not a valid port.

Explanation

In agent.config, the key name specified is not a valid port number.

Administrator Response

Check the agent.config file for the specified Key Name and correct the value to be a valid port number. The agent must be restarted to pick up the change.

AGT0048E: In agent.config, no value supplied for *key name*.

Explanation

In agent.config, no value was supplied for the specified key name.

Administrator Response

Contact IBM customer technical support.

AGT0049E: Too many unreported jobs.

Explanation

Too many unreported jobs.

Administrator Response

Contact IBM customer technical support.

AGT0050E: Error parsing configuration file.

Explanation

An error has occurred while parsing the configuration file.

Administrator Response

Contact IBM customer technical support.

AGT0051W: The configuration file had at least one bad value.

Explanation

While parsing the configuration file, at least one bad value was found.

AGT0052W: Cannot create temporary file in *directory*.

Explanation

A temporary file cannot be created in the specified directory.

AGT0053W: Tried to send signal *process number* to nonexistent PID *process number*.

Explanation

Tried to send signal to nonexistent process.

AGT0054W: No running job (*job name*, *job number*).

Explanation

A running job with the specified name and number were not found.

AGT0055E: Jobs are not allowed to run as root.

Explanation

Jobs are not allowed to run as root.

Administrator Response

Contact IBM customer technical support.

AGT0056I: NOTICE: Server moved to *computer name:port number*.

Explanation

The server moved to the specified host and port number.

AGT0059I: Received request to shut down *request type*.

Explanation

Received request to shut down agent.

AGT0060I: Exiting normally.

Explanation

The agent is exiting normally.

AGT0061I: Exiting abnormally.

Explanation

The agent has exited abnormally.

AGT0062E: Cannot fork job.

Explanation

The attempt to fork the job failed.

Administrator Response

Contact IBM customer technical support.

AGT0064E: Putative SID has too few hyphens: *security identifier*.

Explanation

The Putative SID has too few hyphens.

Administrator Response

Contact IBM customer technical support.

AGT0066E: Error reaping.

Explanation

Error reaping.

Administrator Response

Contact IBM customer technical support.

AGT0067E: Error waiting for process *process name*.

Explanation

An error occurred while waiting for the specified process to complete.

Administrator Response

Contact IBM customer technical support.

AGT0068E: Cannot fork -- command: *command name*.

Explanation

An error has occurred trying to fork the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0069E: open(/proc/uptime) fails.

Explanation

An error has occurred trying to obtain the last boot time.

Administrator Response

Contact IBM customer technical support.

AGT0070E: read(/proc/uptime) fails.

Explanation

A failure occurs trying to read the last boot time.

Administrator Response

Contact IBM customer technical support.

AGT0071E: /proc/uptime does not look right.

Explanation

The last boot time does not look right.

Administrator Response

Contact IBM customer technical support.

AGT0072E: Cannot determine system-boot time.

Explanation

The system-boot time cannot be determined.

Administrator Response

Contact IBM customer technical support.

AGT0073E: Problem creating up-time poller.

Explanation

A problem occurred while creating up-time poller.

Administrator Response

Contact IBM customer technical support.

AGT0074E: Unsupported Operating System.

Explanation

The agent is trying to be started on an unsupported Operating System.

Administrator Response

Contact IBM customer technical support.

AGT0075E: Cannot query *key name* *key value*.

Explanation

The registry key value specified cannot be queried.

Administrator Response

Contact IBM customer technical support.

AGT0076E: Performance title *data title* not found.

Explanation

The performance data title was not found in the registry.

Administrator Response

Contact IBM customer technical support.

AGT0077E: <<System>> performance object not found.

Explanation

The system performance data object was not found in the registry.

Administrator Response

Contact IBM customer technical support.

AGT0078E: The <<system>> performance counter not found.

Explanation

The system up time performance data counter was not found.

Administrator Response

Contact IBM customer technical support.

AGT0079E: Cannot create semaphore.

Explanation

A semaphore could not be created.

Administrator Response

Contact IBM customer technical support.

AGT0081W: Cannot retrieve process exit code.

Explanation

The process exit code could not be retrieved.

AGT0083E: Cannot obtain SID of local computer (*computer name*).

Explanation

Cannot obtain SID of local computer.

Administrator Response

Contact IBM customer technical support.

AGT0084E: Cannot get name of local computer.

Explanation

The name of local computer cannot be retrieved.

Administrator Response

Contact IBM customer technical support.

AGT0085E: SID of local computer has unexpected type (*security identifier type*).

Explanation

The Security Identifier of the local computer has an unexpected Security Identifier type.

Administrator Response

Contact IBM customer technical support.

AGT0088W: Cannot find any domain controller for domain *domain name*.

Explanation

The domain controller for the specified domain cannot be found.

AGT0097E: Command not found: *fdisk command*.

Explanation

The fdisk command could not be found.

Administrator Response

Contact IBM customer technical support.

AGT0099E: Cannot duplicate handle.

Explanation

Cannot duplicate handle.

Administrator Response

Contact IBM customer technical support.

AGT0101E: Cannot determine whether this is a domain controller.

Explanation

It cannot be determined whether this is a domain controller.

Administrator Response

Contact IBM customer technical support.

AGT0102E: Cannot determine name of own domain.

Explanation

The name of the domain cannot be determined.

Administrator Response

Contact IBM customer technical support.

AGT0104E: Wrong server.

Explanation

The wrong server was communicated with.

Administrator Response

Contact IBM customer technical support.

AGT0105W: Ignoring server relocation in config file.

Explanation

If the server host and port were changed. The user is warned that they cannot do that.

AGT0106I: Server has changed.

Explanation

The server has changed locations.

AGT0110E: Cannot open key *key name*key value.

Explanation

The registry key HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\Scsi\Scsi Port cannot be opened.

Administrator Response

Contact IBM customer technical support.

AGT0111I: Rereading config file.**Explanation**

The configuration file is being reread.

AGT0112E: This product is not fully installed. To try again, stop and restart this agent.**Explanation**

This product is not fully installed. To try again, stop and restart this agent.

Administrator Response

Contact IBM customer technical support.

AGT0113E: Cannot create temporary file in *directory error message*.**Explanation**

A temporary file cannot be created in the specified agent home directory because of the error message specified.

Administrator Response

Contact IBM customer technical support.

AGT0114E: Cannot write to file *file name error message*.**Explanation**

The specified file cannot be written because of the following error.

Administrator Response

Contact IBM customer technical support.

AGT0115E: Fork failed.**Explanation**

The Fork command failed.

Administrator Response

Contact IBM customer technical support.

AGT0116E: Cannot exec *command name*.**Explanation**

The command cannot be executed.

Administrator Response

Contact IBM customer technical support.

AGT0118E: Upgrader is not okay.**Explanation**

The agent upgrader failed.

Administrator Response

Contact IBM customer technical support.

AGT0119I: *version, modification and release.***Explanation**

An informational message that displays the Version Modification and Release of the product.

AGT0120E: Error transmitting shutdown request to agent.**Explanation**

An error occurred while transmitting shutdown request to the agent.

Administrator Response

Contact IBM customer technical support.

AGT0121E: Unable to create socket.**Explanation**

An error occurred while trying to create a socket.

Administrator Response

Contact IBM customer technical support.

AGT0122I: The agent is already down.**Explanation**

An informational message letting the user know that the agent is already down.

AGT0123W: Unable to determine if agent is active. Sending shutdown request.**Explanation**

It cannot be determined if the agent is active, so a shutdown request is being sent.

AGT0124E: Unable to create restartable job directory: *directory name.***Explanation**

The restartable job directory cannot be created.

Administrator Response

Contact IBM customer technical support.

AGT0126E: Unable to restart job from file *file name*.

Explanation

The job from the specified file is unable to be restarted.

Administrator Response

Contact IBM customer technical support.

AGT0127E: Unable to restart job *job name.name* run number *run number*.

Explanation

The specified job with the specified run number is unable to be restarted.

Administrator Response

Contact IBM customer technical support.

AGT0128W: Cannot retrieve global structure.

Explanation

The global structure cannot be retrieved.

AGT0129W: A system call failed in the agent program.

Explanation

A system call to determine the number of processors failed when called in the agent program.

AGT0130E: The upgrader program parameters are missing.

Explanation

The parameters that are to be sent to the upgrader program are missing.

Administrator Response

Contact IBM customer technical support.

AGT0131I: Exit Status = *exit message*.

Explanation

This is an informational message that displays the exit status of the Agent.

AGT0132E: Cannot find/create script *<script name>*.

Explanation

The specified script cannot be found/created.

Administrator Response

Contact IBM customer technical support.

AGT0133I: Running Command: *script namescript contents.*

Explanation

This is an informational message letting you know what script is being run.

AGT0134E: Putative SID does not start correctly: *security identifier.*

Explanation

The Putative Security Identifier specified did not start correctly.

Administrator Response

Contact IBM customer technical support.

AGT0135E: Component *component name* is not a number: *component number.*

Explanation

The Component specified is not a component number.

Administrator Response

Contact IBM customer technical support.

AGT0136E: No INSTANCEn.DAT file found!

Explanation

The INSTANCEn.DAT file could not be found. This file is needed to determine the location of Java.

Administrator Response

Contact IBM customer technical support.

AGT0137E: Cannot determine working directory!

Explanation

The working directory cannot be determined.

Administrator Response

Contact IBM customer technical support.

AGT0138W: *product name* is not licensed on this computer.

Explanation

The specified product is not licensed on this computer.

AGT0139E: An initial probe cannot be performed.

Explanation

Because the product is not licensed, an initial probe cannot be performed.

Administrator Response

Contact IBM customer technical support.

AGT0141W: A filesystem scan will not be performed.

Explanation

Because the product is not licensed, a filesystem scan will not be performed.

AGT0143I: *file_count* files scanned

Explanation

This message indicates the progress of the file system scan.

AGT0144I: *file_count* total files scanned

Explanation

This message states the total number of files that were encountered during the file system scan.

AGT0145I: Retrieving job definition from server

Explanation

Most agent jobs, as part of their initial processing, contact the server to retrieve job-control parameters. This message indicates that the agent is about to take that step.

AGT0146I: Scan started

Explanation

The agent has begun scanning

AGT0147I: Retrieving report partition *partition_number*

Explanation

Owing to their possibly large size, certain reports are retrieved piecemeal. This message, logged during a batch report, indicates that the agent is about to request the server for a segment of the report.

AGT0148I: Report data retrieved

Explanation

All batch report data have been retrieved from the server. The agent will now write the data to their specified destination.

AGT0149I: Retrieving history data

Explanation

During a batch report, the agent is about to request history data from the server.

AGT0150I: Deleting temporary files

Explanation

The agent is about to request the server to clean up temporary files created during the report retrieval process.

AGT0151E: Unable to retrieve report definition

Explanation

The agent could not retrieve the report job definition from the server. Common reasons for this problem include network errors, configuration errors, and repository SQL errors.

Administrator Response

Check the server's TPCD_nnnnnn.log and/or server_nnnnnn.log for further details. If these do not reveal sufficient information, contact IBM support.

AGT0152I: Job definition retrieved

Explanation

An agent job has successfully retrieved its control parameters from the server.

AGT0251E: Failed to install language pack.

Explanation

The scheduled maintenance job failed to install the language pack.

Administrator Response

Retry the scheduled maintenance job.

AGT0252E: Failed to install language pack: File not found *archive*

Explanation

The scheduled maintenance job failed to install the language pack. The archive containing the language pack could not be found.

Administrator Response

Retry the scheduled maintenance job.

AGT0253E: Invalid file format: *file name***Explanation**

The scheduled maintenance job failed to install the language pack. The specified file is not in the expected format.

Administrator Response

Contact IBM customer technical support.

AGT0254E: Failed to load language pack.**Explanation**

The agent was not able to load the language pack. The agent may use the default locale.

Administrator Response

Contact IBM customer technical support.

**AGT0255W: Failed to create the Common Agent service filter.
The Data agent will start without waiting for the required
Common Agent services.****Explanation**

The Data agent is unable to check if the required Common Agent services have started.

AGT0256I: Waiting for Common Agent services.**Explanation**

The agent startup will be performed when the required services have started.

Administrator Response

Make sure the Connector service of the Common Agent has started successfully. The service may fail to start if the credentials required for SSL have expired and the Common Agent has not renewed the credentials with the Agent Manager.

**AGT0257I: The Common Agent services have started
successfully.****Explanation**

The required Common Agent services have started. The Data agent will proceed with the startup procedure.

AGT0258I: Agent startup is already in progress.**Explanation**

The Data agent has already initiated the startup sequence. The current start request will be ignored.

AGT0260E: Failed to create a session with Reliable Scalable Cluster Technology *Error ID-Error type: Error Description*

Explanation

TPC attempted to make a connection with Reliable Scalable Cluster Technology (RSCT) to collect information about an HACMP cluster but the connection failed.

Administrator Response

Check the status of the RSCT subsystems. If the problem continues contact IBM customer support.

AGT0261E: Failed to end a session with Reliable Scalable Cluster Technology *Error ID-Error type: Error Description*

Explanation

TPC failed to end a connection with Reliable Scalable Cluster Technology (RSCT) that was used to collect information about an HACMP cluster.

Administrator Response

Check the status of the RSCT subsystems. If the problem continues contact IBM customer support.

AGT0262W: Concurrent cluster resource groups are not supported. The cluster will not be probed.

Explanation

The computer being probed is a member of an operating system cluster that has at least one concurrent resource group defined. Since TPC does not support concurrent resource groups the probe will not collect information about the cluster.

Administrator Response

Remove the concurrent resource group from the cluster and retry the probe.

AGT0263E: Failed to get resource data from the HACMP cluster using the RSCT RMC interface.

Explanation

The attempt to query the RSCT RMC subsystem for cluster resource information failed.

Administrator Response

Check the status of the RSCT subsystems. If the problem continues contact IBM customer support.

AGT0264E: Failed to determine if the local node is clustered using the following command: *command line*

Explanation

Failed to execute or parse the output of the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0265E: Failed to get the cluster name using the following command: *command line*

Explanation

Failed to execute or parse the output of the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0266E: Failed to get the cluster ID using the following command: *command line*

Explanation

Failed to execute or parse the output of the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0267E: Failed to get the names of all the resource groups in the cluster.

Explanation

The attempt to query the RSCT RMC subsystem for the list of cluster resource groups failed.

Administrator Response

Contact IBM customer technical support.

AGT0268E: Failed to get the list of all the resource groups.

Explanation

The attempt to query the RSCT RMC subsystem for the list of cluster resource groups failed.

Administrator Response

Contact IBM customer technical support.

AGT0269E: Failed to get the service IP label information for resource group *cluster resource group*.

Explanation

The attempt to query the RSCT RMC subsystem for the list of service IP labels associated with the specified cluster resource group failed.

Administrator Response

Contact IBM customer technical support.

AGT0270E: Failed to get the volume group resources associated with cluster resource group *cluster resource group*.

Explanation

The attempt to query the RSCT RMC subsystem for the list of volume groups associated with the specified cluster resource group failed.

Administrator Response

Contact IBM customer technical support.

AGT0271E: Failed to get the export resources associated with cluster resource group *cluster resource group*.

Explanation

The attempt to query the RSCT RMC subsystem for the list of exports associated with the specified cluster resource group failed.

Administrator Response

Contact IBM customer technical support.

AGT0272E: Failed to get state of all the resource groups in the cluster.

Explanation

The attempt to query the RSCT RMC subsystem for the state of the cluster resource groups failed.

Administrator Response

Contact IBM customer technical support.

AGT0275E: Failed to get the HACMP node name using the following command:\n *command line*

Explanation

Failed to execute or parse the output of the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0276E: Failed to get the physical volume information for the volume group *volume group*.

Explanation

Failed to get the list of physical volumes associated with the specified volume group.

Administrator Response

Contact IBM customer technical support.

AGT0277E: Failed to get the logical volume information for the volume group *volume group*.

Explanation

Failed to get the list of logical volumes associated with the specified volume group.

Administrator Response

Contact IBM customer technical support.

AGT0278E: Failed to get the SDD device information using the following command: *Command*

Explanation

Failed to execute or parse the output of the specified command.

Administrator Response

Contact IBM customer technical support.

AGT0279W: The detected level of HACMP is not compatible. Please consult the user's guide for compatible versions.

Explanation

The detected level of HACMP is not compatible. Please consult the user's guide for compatible versions. The probe will continue but may experience errors.

ALR

ALR0001W: The amount of RAM on host *computer name* has changed from *current value* to *new value*.

Explanation

The amount of RAM on the host computer has changed from the current value to the new value.

ALR0002W: The amount of virtual memory on host *computer name* has changed from *current value* to *new value*.

Explanation

The amount of virtual memory on host computer has changed from current value to the new value.

ALR0003W: A new disk drive has been detected on host *computer name*. Disk manufacturer/serial Number: *manufacturer/serial Number*.

Explanation

A new disk drive has been detected on the host computer. The disk is identified by the specified Disk manufacturer/serial Number.

ALR0004W: A previously visible disk drive can no longer be found on host *computer name*. Disk manufacturer/serial number: *manufacturer/serial number*.

Explanation

A previously visible disk drive can no longer be found on the host computer. The disk is identified by the specified Disk manufacturer/serial Number.

ALR0005W: A new filesystem has been detected on host *computer name*. Filesystem mount point: *mount point*.

Explanation

A new filesystem has been detected on the host computer. The filesystem is identified by the specified Filesystem mount point.

ALR0006W: A previously visible filesystem can no longer be found on host *computer name*. Filesystem mount point: *mount point*.

Explanation

A previously visible filesystem can no longer be found on the host computer. The filesystem is identified by the specified filesystem mount point.

ALR0007W: A disk drive visible on host *computer name* has predicted that a disk failure is imminent. Disk manufacturer/serial number: *manufacturer/serial number*.

Explanation

A disk drive visible on the host computer has predicted that a disk failure is imminent. The disk is identified by the specified disk manufacturer/serial number.

ALR0008W: The physical space definition of filesystem *filesystem name* on host *computer name* has been reconfigured.

Explanation

The physical space definition of the specified filesystem on the specified host has been reconfigured.

ALR0009W: The free space on filesystem *filesystem name* on host *computer name* has fallen below the threshold value of *threshold*. The free space is *freespace* or percent of the filesystem capacity.

Explanation

The free space on identified filesystem on the host computer has fallen below the threshold value that was designated.

ALR0010W: The number of free inodes on filesystem *filesystem name* on host *computer name* has fallen below the threshold value of *threshold*. The number of free inodes is *free inodes* or percent of the filesystem's total inodes.

Explanation

The number of free inodes on the identified filesystem on the identified host computer has fallen below the threshold value that was designated.

ALR0011W: A new grown defect has been detected on a disk visible to host *computer name*. Disk manufacturer/serial Number: *disk manufacturer/serial number*, Current grown defects: *current*, Previous grown defects: *previous*.

Explanation

A new grown defect has been detected on a disk visible to the identified host computer. The Disk is identified by the specified Disk manufacturer/serial Number.

ALR0012W: The number of grown disk defects has exceeded the threshold value of *threshold*. Host: *computer name*, Disk manufacturer/serial number: *disk manufacturer/serial number*, Current grown defects: *current*, Previous grown defects: *previous*.

Explanation

The number of grown disk defects has exceeded the threshold value defined.

ALR0013W: A new monitored directory has been detected on host *computer name*. Directory name: *directory name*, Directory Group: *directory group*.

Explanation

A new monitored directory has been detected on the identified host computer.

ALR0014W: A monitored directory has been removed from host *computer name*. Directory name: *directory name*, Directory group: *directory group*.

Explanation

A monitored directory has been removed from the specified host computer with the specified directory name and directory group.

ALR0015W: Directory *directory* on host *computer name* has exceeded its space usage quota of *quota*. The directory is currently consuming *usage* or *percent* of the filesystem capacity.

Explanation

The Directory specified on the host computer has exceeded its space usage quota.

ALR0016W: Filesystem *filesystem name* on host *computer name* has violated a filesystem constraint. *number of files* file(s) consuming *space* or *percent* of the filesystem capacity are in violation of the conditions defined in this constraint. The constraint threshold is *threshold*. User *user name*} has *number of files* files consuming *space*} of storage. *violating owners*}.

Explanation

The Filesystem specified on the host computer has violated a filesystem constraint. A number of files that are consuming a specified amount or percentage of the filesystem capacity are in violation of the conditions defined in this constraint.

ALR0017W: Host *computer name* appears to be down. *number of attempts* attempt(s) to ping this host have failed.

Explanation

The Host computer appears to be down. A number of attempts to ping this host have failed.

ALR0018W: *quota name* user has exceeded a network storage usage quota of *usage*. This *user* is currently consuming *amount* of storage.

Explanation

A network storage usage quota has been exceeded.

ALR0019W: *quota name user on host computer name has exceeded a computer storage usage quota of usage. This user is currently consuming amount of storage.*

Explanation

A computer storage usage quota has been exceeded.

ALR0020W: *quota name user on host computer name has exceeded a filesystem usage quota of <usage>value on filesystem filesystem name. This user is currently consuming amount of storage.*

Explanation

A filesystem usage quota has been exceeded.

ALR0021W: *Run number number of job creator job name has failed on run number of total jobs computer(s).*

Explanation

A run of a job has failed on the specified computers.

ALR0022W: *Computer computer name has been discovered.*

Explanation

A new Computer has been discovered.

ALR0023W: *Run number run number of job creator job name has failed.*

Explanation

A run of a job has failed.

ALR0024W: *User user name on host computer name has exceeded a tablespace usage quota of usage on tablespace rdbms type, tablespace instance. This user is currently consuming amount of storage.*

Explanation

The specified User on the host computer has exceeded a tablespace usage quota on the specified tablespace.

ALR0025W: User *user name* on host *computer name* has exceeded an RDBMS instance usage quota of *quota* on *rdbms type instance instance name*. This user is currently consuming amount of storage.

Explanation

The specified User on the host computer has exceeded an RDBMS instance usage quota.

ALR0026W: User *user name* has exceeded a network database storage usage quota of *quota*. This user is currently consuming amount of storage.

Explanation

The specified User has exceeded a network database storage usage quota.

ALR0027W: The *log directory file name* archived log directory value on host *computer name* has exceeded the threshold value of *threshold*. This directory currently contains *number of logs* archived logs consuming amount of storage.

Explanation

The specified archived log directory on the host computer has exceeded the specified threshold value.

ALR0028W: A new *tablespace name* has been discovered on *rdbms type instance* on host *computer name*. *rdbms instance: database*.

Explanation

A new tablespace has been discovered on the host computer.

ALR0029W: *value value* has been dropped. RDBMS: *value value*, Host: *host name*.

Explanation

The specified tablespace has been dropped.

ALR0030W: *value value* has been taken offline. RDBMS: *value value*, Host: *host name*.

Explanation

The specified tablespace has been taken offline.

ALR0031W: The free space on *value: value*, RDBMS: *value value*, host: *host name*, has fallen below the threshold value of *value*. The free space is *value* or *value* of the *value* capacity.

Explanation

The free space on the specified tablespace, RDBMS and host has fallen below the threshold value.

ALR0032W: The free space on tablespace: *tablespace name*, RDBMS: *rdbrms type instance*, database: *database*, host: *computer name*, is fragmented across *number of extents* extents. This exceeds the threshold value of *threshold* extents. The largest contiguous free extent is *largest extent*.

Explanation

The free space on the specified tablespace, RDBMS, database and host is fragmented across multiple extents.

ALR0033W: The largest free extent available on tablespace: *tablespace name*, RDBMS: *rdbrms type rdbrms name*, database: *database name*, host: *computer name*, has fallen below the threshold value of *threshold*. The largest free extent is *largest extent*.

Explanation

The largest free extent available on tablespace, RDBMS, database and host has fallen below the threshold value.

ALR0034W: Segment *segment name* of table/cluster *table name* on host: *computer name*, RDBMS: *rdbrms type rdbrms name*, database: *database name*, is fragmented across *number of extents* extents. This exceeds the threshold value of *threshold* extents. This segment is a *value* type segment.

Explanation

A segment of the specified table/cluster on the specified host, RDBMS and database is fragmented across multiple extents.

ALR0035W: Segment *value* of table/cluster *value* on host: *host name*, RDBMS: *value value*, database: *value*, is nearing the maximum number of extents available to it. This segment currently occupies *value* extents. The *value* additional extent(s) available to this segment falls below the defined threshold of *value* extent(s). The segment is a *type* type segment.

Explanation

The segment of the specified table/cluster on the specified host, RDBMS and database is nearing the maximum number of extents available to it.

ALR0036W: Table/cluster *table name* on host: *computer name*, RDBMS: *rdbms type rdbms name*, database: *database name*, has exceeded a space usage quota of *usage quota*. This table is currently consuming *amount* of storage.

Explanation

The Table/cluster on the specified host, RDBMS and database has exceeded a space usage quota.

ALR0037W: Table/cluster *value* on host: *host name*, RDBMS: *value value*, database: *database name*, has exceeded a chained row quota of *value*. Statistics indicate that *value* rows or *value* of the total rows are chained.

Explanation

The Table/cluster on the specified host, RDBMS and database has exceeded a chained row quota.

ALR0038W: Segment *name* of table/cluster *table name* on host: *computer name*, RDBMS: *rdbms type rdbms name*, database: *database name*, has *amount* of unused, wasted space. This represents *amount* of the total space allocated to the segment, and exceeds the threshold value of *threshold*. This segment is a *type* type segment.

Explanation

The segment of the specified table/cluster on the specified host, RDBMS and database has wasted space.

ALR0039W: Table/cluster *table name* on host: *computer name*, RDBMS: *rdbms type rdbms name*, database: *database name*, has been dropped.

Explanation

The Table/cluster on the specified host, RDBMS and database has been dropped.

ALR0040W: Filer *filer name* has been discovered. Data Manager will not monitor this filer until it has been licensed.

Explanation

The specified Filer has been discovered.

ALR0041W: The amount of log freespace available on *instance: database*, RDBMS: *rdbms type*, <*rdbms*>*host: computer name*, has fallen below the threshold value of *threshold*. The amount of log freespace available is *amount* or *percent* of the total capacity.

Explanation

The amount of log freespace available on the specified database, RDBMS and host has fallen below the threshold value.

ALR0042W: A new device has been discovered on *rdbms instance instance* on host *computer name*. Device: *device name*, Capacity: *capacity*, File Name: *filename*.

Explanation

A new device has been discovered on instance and host.

ALR0043W: Device *device name* has been dropped from *rdbms instance instance* on host *computer name*. Capacity: *capacity*, File Name: *filename*.

Explanation

The specified Device has been dropped from the specified instance and host.

ALR0044W: The amount of device freespace available on *value instance value* on host *value* has fallen below the threshold value of *value*. The amount of device freespace available is *value* or *value* of the current capacity of *value*.

Explanation

The amount of device freespace available on the specified instance and host has fallen below the threshold value.

ALR0045W: The amount of device freespace available on *device instance instance* on host *computer name* has gone above the threshold value of *threshold*. The amount of device freespace available is *freespace* or *percent* of the current capacity of *total capacity*.

Explanation

The amount of device freespace available on the specified device on instance and host has gone above the threshold value.

ALR0046W: Database *database name* has not been backed up in the last *number of days* days. Last backup for the database was on *date*. RDBMS: *rdbms type rdbms name*, Host: *computer name*.

Explanation

The specified Database has not been backed up in the last defined number of days.

ALR0047W: *filer name* *filer type* is no longer accessible from *host entity*.

Explanation

The specified filer is no longer accessible.

ALR0048W: Storage Subsystem *subsystem name* is no longer accessible from host *computer name*.

Explanation

The specified storage subsystem is no longer accessible from the specified host computer.

ALR0049W: *disk array name* *disk array type* has been discovered from host *computer name*. Data Manager will not monitor this *disk array* until it has been selected as for monitoring from within the Storage Subsystem Administration GUI.

Explanation

The specified disk array has been discovered from the host computer. Data Manager will not monitor this disk array until it has been selected for monitoring from within the storage subsystem Administration GUI.

ALR0050W: The amount of cache on storage subsystem *subsystem name* has changed from *old value* to *new value*.

Explanation

The amount of Cache on the specified storage subsystem has changed.

**ALR0052W: Filesystem *filesystem name* on host *computer name* will be automatically extended because its free space has fallen below the threshold of *threshold*. Current free space: *current free space*; Current capacity: *current capacity*; Target capacity: *target capacity*}.
Explanation**

Explanation

The specified Filesystem on the specified host will be automatically extended because its free space has fallen below the threshold defined.

ALR0053W: Filesystem *filesystem name* on host *computer name* needs extension but will not be because its current capacity of *current capacity* exceeds the specified limit of *limit*. Filesystem free space: *freespace* (*current capacity* of *current capacity*).

Explanation

The specified Filesystem on the specified host needs to be extended but will not be because its current capacity exceeds the specified limit.

ALR0077W: Policy name got violated number of times during the run number *run number* of Analyzer *analyzer name*.

Explanation

The specified configuration analysis policy got violated.

Administrator Response

View the policy violation details in the alert overlay within the topology viewer and fix the policy violation.

ALR4103W: A TPC server process is experiencing a high memory utilization.

Explanation

The TPC server encountered a high memory utilization for a period of time, which may lead to stability problems.

Administrator Response

Check, if there was high activity on the server. If so, try to reduce the workload, for example by rescheduling probes or batch reports.

ALR4104W: The TPC database is reporting an alarm status for *alarm source*, which is DB for the TPC database and/or DBM for the database manager..

Explanation

The TPC database and/or the database manager hosting the TPC repository reported an alarm status.

Administrator Response

Check the database status using the database management tools as described in the database documentation.

ALR4105W: The current TPC configuration is not optimally adjusted to your environment. Please contact the IBM support with the following information in order to get recommendations for configuration changes: *additional information to be forwarded to IBM support.*

Explanation

The TPC configuration potentially needs to be changed to address resource utilization.

Administrator Response

Forward the alert information along with the output from the service tool to IBM support to get recommendations for configuration adjustments.

ALR4106W: The TPC server is receiving a high number of external type of events received, which is either CIM for CIM indications or SNMP for SNMP traps. events, which may cause temporary performance degradation.

Explanation

The TPC server encountered a high rate of incoming external events, which are potentially affecting TPC performance.

Administrator Response

Check the environment for items, which are producing a unusual high number of events.

BTAAC

BTAAC2801E: The *item* was not found.

Explanation

IBM Tivoli Storage Productivity Center Fabric Manager could not find the required item.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTAAC2802E: The *reason* unexpected exception.

Explanation

The operation failed with an unexpected exception error.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTAAC2803E: The *reason* san.DiskManagerHostQueryLog. Explanation

An error was detected in HostQueryLog.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTAAC2804E: The *reason* com.tivoli.sanmgmt.subagent.hostquery. HostQueryResourceBundle. Explanation

An error was detected in com.tivoli.sanmgmt.subagent.hostquery.
HostQueryResourceBundle.

System action

The operation fails

Administrator Response

Correct the condition that caused the operation to fail.

BTAAC2805E: The *reason* Exception, Agent Event Publisher. Explanation

An unexpected exception error occurred in AgentEventPublisher just published event.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTACD

BTACD0010I: IBM Tivoli Storage Productivity Center for Fabric (Configuration Service) initialized successfully.

Explanation

Configuration Service initialized successfully.

BTACD0011E: An error occurred while reading properties from file *file name*

Explanation

There was an error reading from the specified file. This file contains configuration data and is required for the product to initialize.

System action

The service fails to initialize. The product cannot continue processing.

Administrator Response

Verify that the specified file exists and is not corrupt.

- If the file does not exist, restore from a backup copy or reinstall the product.
- If the file exists, verify that it does not have unreadable characters. The file should contain only standard English text characters, integers, and local machine names.

If the problem continues, contact IBM customer support.

BTACD0012I: Properties were successfully read from file *file name*

Explanation

Startup properties were successfully loaded.

BTACD0013E: Exception occurred while saving the properties file *file name*.

Explanation

There was an error saving the specified properties file. Updates have not been saved. There might be a problem with the file or you might not have permission to write to the file.

System action

Service continues, but the attempt to save changes to the specified file was unsuccessful.

Administrator Response

Try to save the properties file again.

If the problem continues, make sure that you have write permission to the file.

BTACD0014E: An error was received while attempting to remove a callback key.

Explanation

There was an error removing a callback. Either it has already been deregistered or the key was invalid. This is an internal error that should not affect the product function.

System action

Service continues.

BTACD0015E: An error was received while attempting to get the database driver *driver name*.

Explanation

There was an error loading the database driver. Either the driver does not exist or the driver name is incorrect.

System action

The service fails to initialize.

Administrator Response

Verify that tsnmdbparms.properties lists the driver name as com.ibm.db2.jcc.DB2Driver. Restart the product. If the problem continues, contact IBM customer support.

BTACD0016E: An error was received while decrypting the database password.

Explanation

There was an error decrypting the database password. Either the encrypted password does not exist, it has been corrupted, or the installation has been corrupted.

- If the tivoli.sanmgmt.jdbc.dbPassword field in the tsnmdbparms.properties file does not contain a 72 character value, then the file is either incorrect or corrupt.
- If the properties file is correct, then the product might not have installed correctly.

System action

Service fails to initialize.

Administrator Response

Restart the product. If the problem continues, contact IBM customer support.

BTACD0017E: There was an error in setting the WAS Admin password.

Explanation

The ChangeWASAdminPass script file failed.

BTACE

BTACE0030I: IBM Tivoli Storage Productivity Center for Fabric (Event Service) initialized successfully.

Explanation

SAN Event Services has initialized successfully.

BTACE0031I: A SAN Event message was received from: *publisher name*.

Explanation

SAN Event Service has received a message from the publisher indicated.

BTACE0032E: Missing SNMP destination address. SNMP trap was not sent.

Explanation

There is no address to forward SNMP traps to. You can specify an SNMP server to forward events, or traps, to. The SNMP server can be configured to perform actions based on the events it receives.

System action

This will not affect the processing of the system. However, the SNMP event will not be forwarded to an SNMP destination.

Administrator Response

Specify the address of the SNMP server you would like to forward these events to.

BTACE0033E: An error occurred when trying to send an event to the Tivoli Enterprise Console server.

Explanation

An exception occurred when trying to send an event to the Tivoli Enterprise Console server.

System action

Processing continues, but the event is not sent. The event is saved and will be sent later.

Administrator Response

Verify that the address of the Tivoli Enterprise Console server is valid.

BTACE0034E: The Tivoli Enterprise Console server location has not been specified.

Explanation

There is no location set up for sending the Tivoli Enterprise Console event to.

System action

Processing continues, but the event is not sent. The event is saved and will be sent later.

Administrator Response

Specify the address of the Tivoli Enterprise Console server you would like to send the event to.

BTACE0035E: JMSEException: *exception*

Explanation

An exception was received from the messaging service.

System action

The system fails to process this message but continues to process other messages.

Administrator Response

Refer to the logged exception and identify the problem. If the problem continues, contact IBM customer support.

BTACE0037E: An error occurred during the process of forwarding an SNMP trap or sending a Tivoli Enterprise Console event.

Explanation

SAN Event Service has received an error while attempting to process an SNMP trap or a Tivoli Enterprise Console event.

System action

System fails to process this message, but continues to process other messages.

Administrator Response

Refer to the logged exception and identify the problem. If the problem continues, contact IBM customer support.

BTACE0039E: Unable to save the SnmpAddress entry to the properties file *properties file*.

Explanation

There was an error saving the SnmpAddress entry to the properties file. Updates have not been saved. There might be a problem with the file or you might not have permission to write to the file.

System action

The service continues, but the attempt to save the SnmpAddress entry to the specified file was unsuccessful.

Administrator Response

Try to save the SnmpAddress entry again and make sure that you have write permission to the properties file *properties file*. If the problem continues, contact IBM customer support.

BTACE0040E: Unable to remove the SnmpAddress entry from the properties file *properties file*.

Explanation

There was an error removing the SnmpAddress entry from the properties file. Updates have not been saved. There might be a problem with the file or you might not have permission to write to the file.

System action

Service continues, but the attempt to remove the SnmpAddress entry from the specified file was unsuccessful.

Administrator Response

Try to remove the SnmpAddress entry again and make sure that you have write permission to the properties file *properties file*. If the problem continues, contact IBM customer support.

BTACE0041E: Unable to save the SAN Domain ID to the properties file *properties file*.

Explanation

There was an error saving the SAN Domain ID to the properties file. Updates have not been saved. There might be a problem with the file or you might not have permission to write to the file.

System action

Service continues, but the attempt to save the SAN Domain ID to the specified file was unsuccessful.

Administrator Response

Try to save the SAN Domain ID again and make sure that you have write permission to the properties file *properties file*. If the problem continues, contact IBM customer support.

BTACE0042E: Unable to read the SNMP and Tivoli Enterprise Console server address entries from the properties file *properties file*.

Explanation

There was an error reading the SNMP and Tivoli Enterprise Console server address entries from the properties file. There might be a problem with the file or you might not have permission to read the file. This error can also occur if the ConfigService is down.

System action

Service continues, but the SAN events will not be forwarded to the SNMP and Tivoli Enterprise Console servers specified in the properties file.

Administrator Response

Make sure the ConfigService is up and that you have permission to read the properties file *properties file*. Then restart the service. If the problem continues, contact IBM customer support.

BTACE0507E: Messaging Service is not running and cannot be used to subscribe or publish events.

Explanation

The Messaging Service, which is used by all other services to subscribe to and publish events, is not running. Services cannot subscribe to or publish events.

Administrator Response

Restart the product. If the problem persists, contact IBM customer support.

BTACE0508E: A proxy to the Messaging Service could not be obtained.

Explanation

A proxy to the Messaging Service could not be obtained.

Administrator Response

Review the message log to determine why the proxy could not be obtained. If this problem persists, enable ServiceManager tracing to assist in determining why the proxy could not be obtained.

BTACE0509E: The proxy to the Messaging Service might not be valid. Cannot publish or subscribe to events.

Explanation

The proxy to the Messaging Service might not be valid. The Messaging Service might not be running.

Administrator Response

Restart the product. If the problem persists, contact IBM customer support.

BTACE0510E: Unable to create topic *topic name*.

Explanation

makeTopic tries to construct the full class name of the topic by prefixing the superclass name recursively until the root of the class hierarchy is reached. An error occurred in makeTopic which prevented the full topic name to be constructed.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why makeTopic failed.

BTACE0511E: Unable to create a publisher for topic *topic name*.

Explanation

An error occurred while creating a publisher for the specified topic.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why the createPublisher method failed.

BTACE0512E: Unable to create a subscriber for topic *topic name*.

Explanation

An error occurred while creating a subscriber for the specified topic.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why the createSubscriber method failed.

BTACE0513E: Unable to create a message.

Explanation

An error occurred while creating a message.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why the createMessage method failed.

BTACE0514E: Service *service name* failed to subscribe to topic *topic name*.

Explanation

An error occurred when the service tried to subscribe to the topic.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why subscribe failed.

BTACE0515E: Publish failed for topic *topic name*.

Explanation

An error occurred when the topic was being published.

Administrator Response

Enable the messaging middleware trace (san.tesTrcLogger) and view the trace logs to determine why publish failed.

BTACS

BTACS0000I: Starting Control Process: *value*, Device Server RUN ID=*value*, Job ID=*value*.

Explanation

The specified control process has been started.

Administrator Response

None.

BTACS0001I: Finished Control Process: Device Server RUN ID=*value*, Job ID=*value*, Status=*value*, Return Code=*value*.

Explanation

The specified control process has completed.

Administrator Response

None.

BTACS0001I: IBM Tivoli Storage Productivity Center for Fabric command line interface initialized successfully.

Explanation

IBM Tivoli Storage Productivity Center for Fabric command line interface has initialized successfully.

BTACS0002E: The -url requires a host:port argument.

Explanation

The -url argument was not entered correctly. It must be in this format: host:port. For example, tiger.wild.com:2210.

Administrator Response

Try the command again using the correct syntax for the -url argument.

BTACS0002I: Starting Child Control Process: *value*, Job ID=*value*.

Explanation

The specified control child process has been started.

Administrator Response

None.

BTACS0002I: The command line interface is binding to the service.

Explanation

The IBM Tivoli Storage Productivity Center for Fabric command line interface is binding to the service specified on the command line.

BTACS0003E: Required parameters are not present.

Explanation

The host:port service method [params] required parameters were not entered.

System action

The program stops execution.

Administrator Response

Retry the command with the correct parameters.

BTACS0003I: Finished Child Control Process: Job ID=*value*, Status=*value*, Return Code=*value*.

Explanation

The specified control child process has been completed.

Administrator Response

None.

BTACS0003I: The bind was successful.

Explanation

IBM Tivoli Storage Productivity Center for Fabric command line interface bound to the service specified on the command line.

BTACS0004E: An exception occurred while invoking the service: *method name*.

Explanation

An exception was received by the IBM Tivoli Storage Productivity Center for Fabric command line interface while attempting to start the specified service.

System action

The IBM Tivoli Storage Productivity Center for Fabric command line interface terminates.

Administrator Response

Refer to the exception for more information. Contact IBM customer support if the problem continues.

BTACS0004I: Started service *service name*.

Explanation

Service Manager successfully started the specified service.

BTACS0005E: Could not deserialize exception: *value*.

Explanation

An exception was encountered when Service Manager was deserializing an object.

Administrator Response

Refer to the exception for more information. Contact IBM customer support.

BTACS0005I: Deployed service *service name*: class=*value*, scope=*value*, autostart=*value*, static=*value*, order=*value*.

Explanation

Service Manager encountered an internal problem while managing a service.

Administrator Response

Shut down and restart the program.

BTACS0006E: Fault detail: *value*.

Explanation

An error was encountered when Service Manager was deserializing an object.

Administrator Response

If the problem persists, shut down and restart IBM Tivoli Storage Productivity Center for Fabric. If this does not correct the error, the problem is probably in network communications.

BTACS0006I: Undeploying service: *service name*

Explanation

Service Manager is undeploying the specified service.

BTACS0007E: Unrecognized command for service: *service name*.

Explanation

Service Manager encountered an internal problem while managing the specified service.

Administrator Response

Shut down and restart the program.

BTACS0007I: Undeployed service: *service name*

Explanation

Service Manager successfully undeployed the specified service.

BTACS0008E: Error undeploying service *value* : *value*

Explanation

Service Manager encountered a problem while attempting to undeploy the specified service.

Administrator Response

Contact IBM customer support.

BTACS0008I: Starting service *service name* (timeout *number seconds*)

Explanation

Service Manager started the specified service.

BTACS0009E: Error starting the *service name* service.

Explanation

Service Manager encountered an error while starting the specified service.

Administrator Response

Shut down and restart the program. If the problem continues, contact IBM customer support.

BTACS0009I: The service *service name* was stopped.

Explanation

Service Manager stopped the specified service.

BTACS0010E: An error was encountered while stopping service *service name*.

Explanation

Service Manager encountered an error while stopping the specified service.

Administrator Response

Contact IBM customer support.

BTACS0010I: Stopping service *service name* (timeout *number seconds*).

Explanation

Service Manager is stopping the specified service.

BTACS0011E: Service *service name* was not deployed.

Explanation

The startup or shutdown method was called on a service that has not been deployed.

Administrator Response

Contact IBM customer support.

BTACS0011I: Interrupting monitor thread and waiting for it to exit.

Explanation

Service Manager is shutting down - stopping the monitor thread.

BTACS0012E: Exception was received while stopping service *value: value*.

Explanation

Service Manager received an exception while stopping the specified service.

Administrator Response

Contact IBM customer support.

BTACS0012I: Service Manager shutting down.**Explanation**

Service Manager is shutting down.

BTACS0013E: Service *service name* did not start, interrupting the startup thread.**Explanation**

Service Manager timed out while starting the specified service.

Administrator Response

Change the service.timeout setting in the setup.properties file and restart the program.

BTACS0013I: Monitoring services (monitor interval is *number* seconds).**Explanation**

Service Manager is monitoring services.

BTACS0014E: An undeclared exception was encountered: *value*.**Explanation**

An undeclared exception was encountered by Service Manager.

Administrator Response

Refer to the exception for more information. Contact IBM customer support if the problem continues.

BTACS0014I: Service *service name* has *value*.**Explanation**

Service Manager is monitoring services.

BTACS0015E: Caught exception: *value*.**Explanation**

An exception was received by the command line interface.

Administrator Response

Refer to the exception for more information. Contact IBM customer support if the problem continues.

BTACS0015I: The Service Manager monitor process is exiting.

Explanation

The Service Manager monitor process is exiting.

BTACS0016E: Service *service name* is not available.

Explanation

The requested service is not currently available.

Administrator Response

Contact IBM customer support.

BTACS0016I: There are no services to autostart.

Explanation

No services are configured for Service Manager to start.

You can configure services to start automatically. For more information, see the Planning and Installation Guide.

BTACS0017E: Service *service name* did not stop, interrupting the startup thread.

Explanation

Service Manager timed out while stopping the specified service.

Administrator Response

Change the service.timeout setting in the setup.properties file and restart the program.

BTACS0017I: All autostart services have started.

Explanation

All services configured to autostart have been started.

BTACS0018E: A problem was encountered while getting class definition: *class definition name*.

Explanation

Service Manager encountered a problem while getting interface details from the JVM.

Administrator Response

Contact IBM customer support.

BTACS0018I: All services are shutting down.

Explanation

Service Manager is shutting down all services.

BTACS0019E: An interface *value* in service *service name* is being ignored.

Explanation

Service Manager is ignoring an interface because it could not get details for it from the JVM.

Administrator Response

Contact IBM customer support.

BTACS0019I: All services have been shut down

Explanation

Service Manager has shut down all services.

BTACS0020E: Error starting service *value*: *value*.

Explanation

Service Manager received an exception while stopping the specified service.

Administrator Response

Contact IBM customer support.

BTACS0020I: Deleted file *file name*

Explanation

Service Manager deleted the deployed services file.

BTACS0021E: Exception getting status from service *value*: *value*.

Explanation

Service Manager received an exception while getting status for the specified service.

Administrator Response

Contact IBM customer support.

BTACS0021I: Unable to delete file *file name*

Explanation

Service Manager was unable to delete the specified file.

BTACS0022I: Starting autostart services.**Explanation**

Service Manager is starting all services that were configured to start automatically.

BTACS0023I: An error occurred while starting the *service name* service.**Explanation**

Service Manager encountered an error while starting the specified service.

Administrator Response

Shut down and restart the program. If the problem continues, contact IBM customer support.

BTACS0024I: The properties from file *file name* were successfully read.**Explanation**

Startup properties were successfully loaded.

BTACS0025E: An error occurred while reading properties from file *file name*.**Explanation**

An error occurred while reading from the specified file. This file contains configuration data and is required for the product to initialize.

System action

The service fails to initialize. The product cannot continue processing.

Administrator Response

Verify that the specified file exists and is not corrupt.

- If the file does not exist, restore from a backup copy or reinstall the product.
- If the file exists, verify that it does not have unreadable characters. The file should contain only standard English text characters, integers and local machine names.

If the problem continues, contact IBM customer support.

BTACS0026E: Login failed: Unknown user name or bad password.**Explanation**

The command line was unable to authenticate the specified user with the host operating system.

Administrator Response

Verify the user name specified exists in the host operating system and the password is still valid. If this is a Windows machine, confirm that the user that the Fabric service is running under has Act As Part Of The Operating System authority. If running under WebSphere, make sure that WebSphere security is enabled.

BTACS0027E: Command failed: Failed to connect.

Explanation

Failed to connect to application.

Administrator Response

Failed to make a network connection to the application. Confirm that the application is running.

BTACS0028E: Command failed.

Explanation

The command line command failed.

Administrator Response

If the problem continues, contact IBM customer support.

BTACS0029E: Failed to connect to <hostname>.

Explanation

Service Manager was unable to connect to the remote machine.

Administrator Response

If the problem continues, contact IBM customer support.

BTACS0030E: Failed to authenticate host <hostname>.

Explanation

Service Manager was unable to authenticate the remote client.

Administrator Response

Reset the host authentication password on the host. If the problem continues, contact IBM customer support.

BTACS0031I: The Fabric Manager server is not registered with the Agent Manager.

Explanation

Fabric Manager is required to register with the Agent Manager before communicating with any common agents.

BTACS0032I: Registering with the Agent Manager at *host name:port*.

Explanation

Fabric Manager is starting the registration process.

BTACS0033I: Fabric Manager is renewing credentials with the Agent Manager at *host name:port*.

Explanation

The Fabric manager is renewing credentials with the agent manager because the current credentials will expire soon.

BTACS0034I: The Fabric Manager credentials are current. Agent Manager at *host name:port*.

Explanation

The credentials are current.

BTACS0035E: Fabric Manager failed to register with the Agent Manager at *host name:port*.

Explanation

Fabric Manager failed to register with the Agent Manager.

Administrator Response

Check the status of the Agent Manager.

BTACS0036W: Fabric Manager failed to register with the Agent Manager. Fabric Manager will retry in *delay* seconds.

Explanation

Fabric Manager failed to register with the Agent Manager, but the maximum number of retry attempts has not been reached.

BTACS0037I: Fabric Manager successfully registered with the Agent Manager.

Explanation

Fabric Manager successfully registered with the Agent Manager.

BTACS0038I: Fabric Manager successfully renewed the credentials with the Agent Manager.

Explanation

Fabric Manager successfully renewed the credentials with the Agent Manager.

BTACS0039W: Fabric Manager failed to renew the credentials with the Agent Manager.

Explanation

Fabric Manager failed to renew the credentials with the Agent Manager.

BTACS0040E: This command requires additional arguments.

Explanation

More arguments are required for the command line command in order to process the request.

BTACS0041E: The command line is not available for service: *service name*.

Explanation

The specified service does not provide a command line interface.

BTACS0042E: Invalid command: *CLI command*

Explanation

The specified service does not provide a command line interface.

BTACS0043E: Failed to authenticate with host *hostUrl*. Invalid host authentication password.

Explanation

The host authentication password is incorrect.

Administrator Response

Reset the host authentication password. If the problem continues, contact IBM customer support.

BTACS0044E: Fabric Manager failed to register with the Agent Manager: Incorrect agent registration password.

Explanation

The agent registration password supplied does not match the truststore password.

Administrator Response

Reset the agent registration password. If the problem continues, contact IBM customer support.

BTACS0045I: SERVICE MANAGER COMMANDS

Explanation

Header for the Service Manager command line interface.

BTACS0046I: Returns the status of the services.

Explanation

Description of the get status function provided by the Service Manager Command line interface.

BTACS0047I: *Service.functionName* performed by user at location. Input parameters: input parameters, output parameters: output parameters

Explanation

The specified remote procedure call was authorized.

BTACS0048W: Unauthorized request by user at location to perform *service.functionName*.

Explanation

The specified remote procedure was not authorized.

BTACS0049W: Not licensed to perform *service.functionName* request by user at location.

Explanation

The system is not licensed to perform the specified call.

BTACS0050I: Waiting for Common Agent services.

Explanation

The agent startup will be performed when the required services have started.

Administrator Response

Make sure the Connector service of the Common Agent has started successfully. The service may fail to start if the credentials required for SSL have expired and the Common Agent has not renewed the credentials with the Agent Manager.

BTACS0051I: The Common Agent services have started successfully.

Explanation

The required Common Agent services have started. The Fabric agent will proceed with the startup procedure.

BTACS0052W: Failed to create the Common Agent service filter. The Fabric agent will start without waiting for the required Common Agent services.

Explanation

The Fabric agent is unable to check if the required Common Agent services have started.

BTACS0053I: Agent startup is already in progress.

Explanation

The Fabric agent has already initiated the startup sequence. The current start request will be ignored.

BTACS0054I: Invalid Server ID has been provided to update Server Job status.

Explanation

Invalid Server id was provided to update job status. If there are jobs in "running" state, status of those jobs will not be reset to "failed".

BTACS0055I: Agent Manager Registration is set to NO. Fabric Manager will not register with an AgentManager.

Explanation

IBM Tivoli Storage Productivity Center is operating in an environment with "AgentManager.Registration" set to NO. The Fabric Manager will not attempt to register with the Agent Manager.

BTACS0056I: Agent Manager Registration is set to YES. Fabric Manager will register with the AgentManager.

Explanation

IBM Tivoli Storage Productivity Center is operating in an environment with "AgentManager.Registration" set to YES. The Fabric Manager will attempt to register with the Agent Manager.

BTACS0057W: Error in configuration parameter AgentManager.Registration - default value will be used.

Explanation

There was an error in the value of the Configuration parameter "AgentManager.Registration". Allowed values are "yes" and "no".

BTADS

BTADS0000I: Starting Discover Process *value* , with Device Server RUN ID *value* , and Job ID *value* .

Explanation

The specified discovery request has been started.

Administrator Response

None.

BTADS0001I: Discover Process with Device Server RUN ID *value* and Job ID *value* is complete with Status= *value* , Return Code= *value* .

Explanation

The specified discovery request has completed.

Administrator Response

None.

BTADS0002I: Starting Child Discover Process *value* with Job ID= *value* .

Explanation

The specified child discovery request has started.

Administrator Response

None.

BTADS0003I: The Child Discover Process with Job ID *value* has completed with Status= *value* and Return Code= *value* .

Explanation

The specified child discovery request has completed.

Administrator Response

None.

BTADS0010I: Invoking outband scanner *value* on agent *value* .

Explanation

The specified scan has been invoked.

Administrator Response

None.

BTADS0011I: Outband scanner *value* on agent *value* completed successfully.

Explanation

The specified scan has been completed.

Administrator Response

None.

BTADS0012E: Outband Scanner *value* on agent *value* failed with return code *value* .

Explanation

The specified scan failed.

Administrator Response

None.

BTADS0013E: Error invoking *value* on host *value* .

Explanation

The specified scan failed.

Administrator Response

None.

BTADS0014E: An outband scanner failed to decrypt the password for target *target IP* .

Explanation

Specified outband scanner encountered an error decrypting an outband agent password to target address. Either the encrypted password does not exist, or it has been corrupted.

Administrator Response

Restart the product. If the problem continues, contact IBM customer support.

BTADS0015E: An outband scanner failed to decrypt the password for target *target IP* .

Explanation

An outband scanner encountered an error retrieving the user id and/or password to target address. Either the information does not exist or else was unavailable.

Administrator Response

Ensure correct user id and password have been entered. Restart the product. If the problem continues, contact IBM customer support.

BTADS0016E: The user ID or password entered for the outband agent target address *target address* is incorrect.

Explanation

An outband scanner encountered an error attempting to use the user ID or password entered for the outband agent target address . Either the user ID or password entered for the target address is incorrect.

Administrator Response

Reenter the user ID or password. If the problem continues, contact IBM customer support.

BTADS0017E: The BrocadeApiScanner failed to load the Brocade API library.

Explanation

The Brocade API library could not be found on the manager system. The BrocadeApiScanner was not able to load the Brocade API library. This is most likely caused by an installation problem.

Administrator Response

If the problem continues, contact IBM customer support.

BTADS0018E: The outband agent target address *IP address* is not a Brocade device or is invalid or authentication fails.

Explanation

The BrocadeApiScanner cannot be run on the outband agent target address. Either the device is not a Brocade device or the IP address is not valid or authentication to the device fails.

Administrator Response

If the problem continues, contact IBM customer support.

BTADS0019E: An outband scanner failed to capture the scan data.

Explanation

An error condition prevented the scanner from processing the outband scan data.

System action

Processing continues, but only partial data or no data is returned.

Administrator Response

If the problem continues, contact IBM customer support.

BTADS0020I: Processing *value* data from agent *value* .

Explanation

TSANMLegacyParser is running the specified Device Server job to parse XML that represents a fabric.

Administrator Response

None.

BTADS0021W: Warning encountered while parsing Fabric XML for job: RUN ID= *value* , and Job ID= *value* . *value* .

Explanation

The DESaxParser has encountered a warning while parsing XML that represents a fabric.

Administrator Response

None.

BTADS0022E: Exception encountered while parsing Fabric XML for job: RUN ID= *value* , and Job ID= *value* . *value* .

Explanation

The DESaxParser has encountered an exception while parsing XML that represents a fabric.

Administrator Response

Contact IBM customer technical support.

BTADS0023E: Fatal error encountered while parsing Fabric XML for job: RUN ID= *value* , and Job ID= *value* . *value* .

Explanation

The DESaxParser has encountered a fatal error while parsing XML that represents a fabric.

Administrator Response

Contact IBM customer technical support.

BTADS0024E: Error encountered processing scanner *value* data from agent *value* . *value* .

Explanation

TSANMLegacyParser has encountered an error while parsing XML that represents a fabric.

Administrator Response

Contact IBM customer technical support.

BTADS0025I: Running job to discover CIM/OMs through Service Location Protocol: RUN ID= *value* , Job ID= *value* .

Explanation

SLPObjectParser is running the specified job to discover CIM/OMs through Service Location Protocol.

Administrator Response

None.

BTADS0026I: Service Location Protocol has found *value* CIM/OMs.

Explanation

SLPObjectParser has found CIM/OMs through Service Location Protocol.

Administrator Response

None.

BTADS0027E: Error encountered by a Service Location Protocol job: RUN ID= *value* , and Job ID= *value* . *value* .

Explanation

SLPObjectParser has encountered an error while discovering CIM/OMs through Service Location Protocol. One or more CIM/OMs may not have been discovered.

Administrator Response

Information for one or more CIM/OMs may need to be manually entered. Contact IBM customer technical support if automatic discovery of CIM/OMs through Service Location Protocol is needed.

BTADS0028I: The Device Server Job with RUN ID=: *value* , Job ID= *value* , Discover Request= *value* .

Explanation

The specified job has been cancelled.

Administrator Response

None.

BTADS0029I: Scanner *value* data from agent *value* has not changed since last scan.

Explanation

The specified scan has been invoked.

Administrator Response

None.

BTADS0030I: Invoking inband Scanner *value* on agent *value* .

Explanation

The specified scan has been invoked.

Administrator Response

None.

BTADS0031I: Inband Scanner *value* on Agent *value* completed successfully.

Explanation

The specified scan has been completed.

Administrator Response

None.

BTADS0032E: Inband Scanner *value* failed on agent *value* with Return Code *value* .

Explanation

The specified scan failed.

Administrator Response

None.

BTADS0033E: Error invoking *value* on host *value* .

Explanation

The specified scan failed.

Administrator Response

None.

BTADS0034E: Fatal error encountered while persisting the data for job: RUN ID= *value* , and Job ID= *value* . *value* .

Explanation

The DESaxParser has encountered a fatal error while persisting fabric information.

Administrator Response

Contact IBM customer technical support.

BTADS0035E: The execution of the job failed with: *value* .

Explanation

An error occurred during the execution of a job.

Administrator Response

See the message and trace file for more information. Contact IBM customer technical support.

BTADS0036I: Found SNMP Target at *value* .

Explanation

The specified SNMP agent was detected.

Administrator Response

None.

BTADS0037E: Found SNMP Target at *value* but it is not persisted in the database. Will NOT perform discovery of information using the address.

Explanation

The specified SNMP agent was detected but the agent information was not found in the database.

Administrator Response

Check the message and trace files for more information.

BTADS0038I: Starting scan of SNMP agents from *value* to *value* .

Explanation

Scanning the specified range of IP Addresses for SNMP agents.

Administrator Response

None.

BTADS0039I: Starting probe of detected agents.

Explanation

Starting a probe against the discovered agents to collect fabric information.

Administrator Response

None.

BTADS0040I: Processing of Scanner *value* data from Agent *value* completed successfully.

Explanation

The specified scan has been completed.

Administrator Response

None.

BTADS0041I: Discover Process with Device Server RUN ID *value* and Job ID *value* completed successfully.

Explanation

The specified discovery request has completed successfully.

Administrator Response

None.

BTADS0042E: Discover Process with Device Server RUN ID *value* and Job ID *value* failed with return code *value* .

Explanation

The specified discovery request failed.

Administrator Response

See the message and trace files for more information. Contact IBM customer technical support.

BTADS0043I: Invoking *value* scanner *value* on target *value* .

Explanation

The specified scan has been invoked.

Administrator Response

None.

BTADS0044I: *value* scanner *value* on target *value* completed successfully.

Explanation

The specified scan completed successfully.

Administrator Response

None.

BTADS0045E: *value* Scanner *value* on target *value* failed with return code *value* .

Explanation

See the message and trace files for more information. Contact IBM customer technical support.

Administrator Response

None.

BTADS0046I: Processing *value* data from agent *value* .

Explanation

The specified parser is running the specified Device Server Job to parse XML from the agent.

Administrator Response

None.

BTADS0047W: The *value* parser encountered a warning while parsing XML for job with RUN ID= *value* , and Job ID *value* . The return code from the parser job is *value* .

Explanation

The specified Parser has encountered a warning while parsing XML from the agent.

Administrator Response

None.

BTADS0048E: The *value* parser encountered an exception while parsing XML from job with RUN ID= *value* , and Job ID= *value* .The return code from the parser is *value* .

Explanation

The Parser has encountered an exception while parsing XML from the agent.

Administrator Response

Contact IBM customer technical support.

BTADS0049E: The *value* parser for Device Server job with RUN ID= *value* , and Job ID= *value* failed. The return code from the parser is *value* .

Explanation

The Parser job failed

Administrator Response

Contact IBM customer technical support.

BTADS0050I: Service Location Protocol has found CIMOM, *value* , at address *value* .

Explanation

SLPObjectParser has found CIM/OMs through Service Location Protocol.

Administrator Response

None.

BTADS0051I: Service Location Protocol has found CIMOM, *value* , at address *value* , which requires security information to be configured.

Explanation

SLObjectParser has found a CIM/OM. Currently unable to communicate with the CIM/OM because of missing or incorrect login information.

Administrator Response

Configure the login information for the CIM/OM on the Services->Agents->CIMOMs configuration dialog under Administrative Services.

BTADS0052W: Warning encountered while parsing *value* data from agent *value*. *value*.

Explanation

The DESaxParser has encountered a warning while parsing XML that represents a fabric.

Administrator Response

None.

BTADS0053E: Exception encountered while parsing *value* data from agent *value*. *value*.

Explanation

The DESaxParser has encountered an exception while parsing XML that represents a fabric.

Administrator Response

Contact IBM customer technical support.

BTADS0054E: Fatal error encountered while parsing *value* data from agent *value*. *value*.

Explanation

The DESaxParser has encountered a fatal error while parsing XML that represents a fabric.

Administrator Response

Contact IBM customer technical support.

BTADS0055E: Outband Scanner *value* on agent *value* encountered the presence of a McData i10k. These devices do not report correctly via SNMP and can only be used with CIM agents.

Explanation

McData i10k devices do not work properly with IBM Tivoli Storage Productivity Center Out of band Fabric agents. They should only be used with CIM agents. Please remove this Out of band Fabric agent.

Administrator Response

Remove this device as an Out of band Fabric agent and add it as a CIM agent.

BTADS0056E: Errors in Topology XML generator.

Explanation

Some of the data generated by the scanner appears to have errors.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTADS0057E: Errors occurred while resolving InterconnectElement and Port relationship.

Explanation

Some of the data returned from the scanner could not be resolved.

Administrator Response

Get the SANQueryEngine service trace information from the trace log, and contact IBM customer support.

BTADS0058E: Errors in creating an entity.

Explanation

Errors occurred while attempting to create an entity from the results of a scan.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTADS0059E: The outband agent target address *IP address* is not a Cisco device or is invalid.

Explanation

The Cisco scan cannot be run on the outband agent target address. Either the device is not a Cisco device or the IP address is not valid.

Administrator Response

Verify data provided to TPC. If the problem continues, contact IBM customer support.

BTADS0060E: Outband Scanner *value* is not responding.

Explanation

The specified scan failed has failed due to a timeout.

Administrator Response

Please check network connections to the switch and SNMP settings on the switch.

BTADS0061W: Advanced Brocade Discovery has been identified as extraneous and has been removed for the following switches: *value* .

Explanation

Advanced Brocade Discovery is not necessary when CIMOMs are configured for Brocade fabrics and may return errors if used during a Probe. The Advanced Brocade Discovery settings for a set of switches have been automatically removed, in order to prevent Probe failures.

Administrator Response

No action is needed, unless the Brocade CIMOM is removed at a later time. If the Brocade CIMOM is removed at a later time, the Advanced Brocade Discovery may need to be configured again.

BTADS0062E: Encountered SQL error *value* while persisting some data.

Explanation

Some discovered data was not stored in the database due to an SQL error.

Administrator Response

Please check the device server trace log for more detail. If the problem continues, contact IBM support.

BTADS0063E: The execution of the PM BSP invocation failed with: *value* .

Explanation

An error occurred during the PM BSP invocation.

Administrator Response

See the message and trace file for more information. Contact IBM customer technical support.

BTADS5000I: Starting thread for handling jobs that parse Fabric XML.

Explanation

The specified thread has been started.

Administrator Response

None.

BTADS5001I: Shutting down thread for handling jobs that parse Fabric XML.

Explanation

The specified thread is shutting down.

Administrator Response

None.

BTADS5002I: Starting thread that finds CIM/OMs through Service Location Protocol.

Explanation

The specified thread has been started.

Administrator Response

None.

BTADS5003I: Service Location Protocol has found *value* CIM/OMs.

Explanation

SLPObjectParser has found CIM/OMs through Service Location Protocol.

Administrator Response

None.

BTADS5004I: Shutting down thread that finds CIM/OMs through Service Location Protocol.

Explanation

The specified thread is shutting down.

Administrator Response

None.

BTA FM

BTA FM0000I: Operation *op_name* processed successfully.

Explanation

A Fabric Manager API has been executed successfully.

Administrator Response

No action is required.

BTA FM0100I: Initializing Collection.

Explanation

Discovery or probe is being initialized.

Administrator Response

No action is required.

BTA FM0110I: Querying CIM.

Explanation

A CIMOM query is in process.

Administrator Response

No action is required.

BTA FM0112I: Enumerating CIM Class *cim_class* for *db_table*.

Explanation

The discovery or probe is currently enumerating a CIM class. Inventory collection enumerates CIM classes in order to collect data for a particular TPC entity, such as switch, computer system or storage subsystem.

Administrator Response

No action is required.

BTA FM0113I: Collecting for *db_table*, *current_obj* of *num_objs*.

Explanation

This is a discovery or probe status message indicating the Fabric objects for which data is being collected, and the expected number of objects to build.

Administrator Response

No action is required.

BTAFM0114I: Probing data for switch *switch_name*.

Explanation

The attributes are being gathered for a particular switch.

Administrator Response

No action is required.

BTAFM0115I: Probing data for port *port_name*.

Explanation

The attributes are being gathered for a particular port.

Administrator Response

No action is required.

BTAFM0150I: Storing Information.

Explanation

The discovery or probe is currently storing collected data.

Administrator Response

No action is required.

BTAFM0151I: The *db_table* of *current_obj* *num_objs* stored.

Explanation

The discovery or probe is currently storing information. The progress of the discovery or probe is contained in the message.

Administrator Response

No action is required.

BTAFM0200I: Traversing fabric topology.

Explanation

The discovery or probe is currently traversing CIM classes that are related to switches and ports.

Administrator Response

No action is required.

BTAFM0500I: The IBM Tivoli Storage Productivity Center Fabric Manager service has started successfully.

Explanation

The startup of the IBM Tivoli Storage Productivity Center Fabric Manager service has completed without error.

Administrator Response

No action is required.

BTAFM0501I: The IBM Tivoli Storage Productivity Center Fabric Manager service was shut down successfully.

Explanation

The shutdown of the IBM Tivoli Storage Productivity Center Fabric Manager service has completed without error.

Administrator Response

No action is required.

BTAFM0502I: The IBM Tivoli Storage Productivity Center Fabric Manager service provides methods to collect, report and configure the fabric hardware.

Explanation

This is a description of the Fabric Manager service component of IBM Tivoli Storage Productivity Center for Fabric.

Administrator Response

No action is required.

BTAFM0505I: The delete missing function has started.

Explanation

The delete missing function has started to remove objects in the 'missing' state from the database.

Administrator Response

No action is required.

BTAFM0506I: The delete missing method was processed in *milliseconds* milliseconds.

Explanation

The delete missing function finished successfully and objects in the 'missing' state were removed from the database.

Administrator Response

No action is required.

BTAFM0600I: *Count of collected entities blades collected for switch switch where entities exist.*

Explanation

A probe job has collected the given number of blades so far.

Administrator Response

No action is required.

BTAFM0601I: *Starting collection of switch blades for switch switch identifier.*

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0602I: *Collection of switch blades completed. Count of collected entities entities collected in total for switch switch identifier.*

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0603I: *Starting collection of switch fcports for switch switch identifier.*

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0604I: *Collection of switch fcports completed. count of collected entities entities collected in total for switch switch identifier.*

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTA FM0605I: Start probing *switch entities* switches.

Explanation

A probe job starts to probe the given number of switch entities.

Administrator Response

No action is required.

BTA FM0606I: Start topology probing for fabric *fabric entity*.

Explanation

A topology probe job starts to probe the given fabric entity.

Administrator Response

No action is required.

BTA FM0607I: Start enumerating entity of *Entity name* for CIMOM at *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTA FM0608I: *Count of entity* return for CIMOM at *Url entity*.

Explanation

Enumeration has collected the given number of entities.

Administrator Response

No action is required.

BTA FM0609I: *Count of entities fcports* collected for switch *switch where entities exist*.

Explanation

A probe job has collected the given number of fcports so far.

Administrator Response

No action is required.

BTA FM0610I: Start enumerating references for blade for CIMOM at *Url entity*.

Explanation

Start enumeration collection of blade.

Administrator Response

No action is required.

BTAFM0611I: Count of entity references for blade return for CIMOM at *Url* entity.

Explanation

Enumeration has collected the given number of references of blades.

Administrator Response

No action is required.

BTAFM0612I: Start enumerating references for fcport for CIMOM at *Url* entity.

Explanation

Start enumeration collection of fcport.

Administrator Response

No action is required.

BTAFM0613I: Count of entity references for fcport return for CIMOM at *Url* entity.

Explanation

Enumeration has collected the given number of references of fcports.

Administrator Response

No action is required.

BTAFM0614I: The probe task is to probe topology and zone. The probe algorithm is CIM association.

Explanation

The fabric topology and zone probe algorithm is to use a series of associator requests to the CIMOM to collect fabric inventory.

Administrator Response

No action is required.

BTAFM0615I: The probe task is to probe topology and zone. The probe algorithm is CIM enumeration.

Explanation

The fabric topology and zone probe algorithm is to use a series of enumeration instance requests to the CIMOM to collect fabric inventory.

Administrator Response

No action is required.

BTAFM0616I: The probe policy involves discovering segmented or merged fabrics.

Explanation

The probe policy will discover segmented or merged fabrics.

Administrator Response

No action is required.

BTAFM0617I: The probe policy doesn't involve discovering segmented or merged fabrics.

Explanation

The probe policy will not discover segmented or merged fabrics.

Administrator Response

No action is required.

BTAFM0618I: The probe task is to probe topology. The probe algorithm is CIM association.

Explanation

The fabric topology probe algorithm is to use a series of associator requests to the CIMOM to collect fabric inventory.

Administrator Response

No action is required.

BTAFM0619I: The probe task is to probe zone. The probe algorithm is CIM enumeration.

Explanation

The fabric zone probe algorithm is to use a series of enumeration requests to the CIMOM to collect fabric inventory.

Administrator Response

No action is required.

BTAFM0620I: Start zone probing for fabric *fabric entity*.

Explanation

A zone probe job starts to probe the given fabric entity.

Administrator Response

No action is required.

BTAFM0621I: Starting collection of zone set for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0622I: Starting collection of zone for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0623I: Starting collection of zone alias for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0624I: Starting collection of zone member from zone alias for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0625I: Starting collection of zone member and zone alias from zone for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0626I: Starting collection of zone member from zone for switch *switch entity*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0627I: Starting collection of zone set for fabric *fabric entity*.

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0628I: *Count of collected entities* zone sets collected.

Explanation

A probe job has collected the given number of zone sets so far.

Administrator Response

No action is required.

BTAFM0629I: Collection of zone set completed. *Count of collected entities* entities collected in total for fabric *fabric entity*.

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0630I: Starting collection of zone for fabric *fabric entity*.

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0631I: *Count of collected entities zones collected.*

Explanation

A probe job has collected the given number of zone sets so far.

Administrator Response

No action is required.

BTAFM0632I: *Collection of zone completed. Count of collected entities entities collected in total for fabric fabric entity.*

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0633I: *Starting collection of zone alias for fabric fabric entity.*

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0634I: *Count of collected entities zone aliases collected.*

Explanation

A probe job has collected the given number of zone sets so far.

Administrator Response

No action is required.

BTAFM0635I: *Collection of zone alias completed. Count of collected entities entities collected in total for fabric fabric entity.*

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0636I: Starting collection of zone member from zone alias for fabric *fabric entity*.

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0637I: Starting collection of zone member and zone alias from zone for fabric *fabric entity*.

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0638I: Starting collection of zone member from zone for fabric *fabric entity*.

Explanation

A probe job has begun to collect entities from the given fabric.

Administrator Response

No action is required.

BTAFM0639I: Collection of zone member completed. *Count of collected entities* entities collected in total for fabric *fabric entity*.

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0640I: Zone probe will discover both active and inactive zone definitions at selected data source *datasource name for zone probe*.

Explanation

Zone probe job discovers both active and inactive zone definitions on a selected data source.

Administrator Response

No action is required.

BTAFM0641I: Zone probe will discover only active zone sets at data source *datasource name for zone probe*.

Explanation

Zone probe job discovers only active zone sets on an alternative data source.

Administrator Response

No action is required.

BTAFM0642I: Start enumerating entity of zone set at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0643I: Start enumerating entity of zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0644I: Start enumerating entity of zone member at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0645I: Start enumerating entity of zone alias at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0646I: Start enumerating entity of association between zone set and zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0647I: Start enumerating entity of association between zone and zone member at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0648I: Start enumerating entity of association between zone alias and zone member at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0649I: Start enumerating entity of association between zone alias and zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0650I: Start enumerating entity of association between zone set and zone, and zone alias and zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0651I: Start enumerating entity of association between zone and zone member, and zone alias and zone member at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0652I: Start enumerating entity of association between fabric and its components (zone set, zone, and zone alias) at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0653I: *Count of entity* returned at selected data source *Url entity*.

Explanation

Enumeration has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0654I: The port is not switch port.

Explanation

This is not switch port.

Administrator Response

No action is required.

BTAFM0655I: The switch profile doesn't support this switch *switch_name*. No further process to probe this switch.

Explanation

This is not a switch registered profile supported switch. No further process to probe this switch.

Administrator Response

No action is required.

BTAFM0656I: Start enumerating entity of association between fabric and zone set at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0657I: Start enumerating entity of association between fabric and zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0658I: Start enumerating entity of association between fabric and zone alias at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0659I: Start enumerating entity of association between switch and zone set at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0660I: Start enumerating entity of association between switch and zone at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0661I: Start enumerating entity of association between switch and zone alias at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0662I: Start enumerating associations between virtual fabric and zoning entities at selected data source *Url entity*.

Explanation

Start enumeration collection.

Administrator Response

No action is required.

BTAFM0663I: Starting collection of switch control processor blades for switch *switch identifier*.

Explanation

A probe job has begun to collect entities from the given switch.

Administrator Response

No action is required.

BTAFM0664I: *Count of collected entities* control processor blades collected for switch *switch where entities exist*.

Explanation

A probe job has collected the given number of control processor blades so far.

Administrator Response

No action is required.

BTAFM0665I: Collection of switch control processor blades completed. *Count of collected entities* entities collected in total for switch *switch identifier*.

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

BTAFM0666I: Checksums for the active and defined Zone Database could not be updated for *fabric entity*.

Explanation

Zone Database Checksums are not available for the fabric, or an error occurred while processing the Checksums. These Checksums are used only as a performance enhancement to quickly determine whether the Zone Database on the fabric has changed. This message is expected in certain scenarios. Since the Checksums cannot be saved, the Zone Database will be collected from the CIMOM during the next Probe.

Administrator Response

No action is required.

BTAFM2000W: Operation *op_Name* partially processed.

Explanation

A Fabric Manager web service has been partially executed. Some operations as part of this request have failed.

Administrator Response

Check the logs for an indication of an error or exception and contact IBM customer support.

BTAFM2501W: Unable to shut down Fabric Manager Service smoothly.

Explanation

An exception occurred while shutting down one or more components.

Administrator Response

No further action needed since the service will be forced to shut down.

BTAFM4000E: Operation *op_Name* failed.

Explanation

A Fabric Manager web service has failed. None of the operations that are part of this request were processed successfully.

Administrator Response

Check the logs for an indication of an error or exception and contact IBM customer support.

BTAFM4001E: An internal error occurred.

Explanation

An internal error occurred during execution.

Administrator Response

Check the logs for an indication of an error or exception and contact IBM customer support.

BTAFM4002E: Could not get requested information due to an internal error - *errorMessage*

Explanation

An error occurred during the attempt to retrieve information from the database.

Administrator Response

Check the health of the database. Then, rerun the discovery and probe process, and then run a data collection task.

BTAFM4100E: Mandatory parameter *parameter_Name* is missing.

Explanation

A Fabric Manager web service has been called without a required parameter.

Administrator Response

Check the mandatory parameters and retry the operation.

BTAFM4101E: Invalid parameter *parameter_name*.

Explanation

A Fabric Manager web service has been called with an invalid parameter.

Administrator Response

Check the valid parameters and retry the operation.

BTAFM4103E: Entity *entity_name* was not found.

Explanation

The database entity that was specified was not found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4104E: Attribute *attribute_name* was not found.

Explanation

The database column specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4105E: Computer *computer_name* was not found.**Explanation**

No computer system was found that corresponds to the key that was passed in as an input parameter. The computer system specified as a parameter can not be found.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4106E: Fabric *fabric_name* was not found.**Explanation**

The fabric specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4107E: Switch *switch_name* was not found.**Explanation**

The switch specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4108E: Port *port_name* was not found.**Explanation**

The port specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4109E: Zone set *zoneset_name* was not found.**Explanation**

The zone set specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTA FM4110E: Zone *zone_name* was not found.**Explanation**

The zone specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4111E: Zone alias *zone_alias_name* was not found. **Explanation**

The zone alias specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4112E: Zone member *zone_member_name* was not found. **Explanation**

The zone member specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4113E: Subsystem *subsystem_name* was not found. **Explanation**

The subsystem specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4114E: Host Bus Adapter *HBA_name* was not found. **Explanation**

The Host Bus Adapter specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4115E: Node *node_name* was not found. **Explanation**

The node specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4116E: Link from port *from_port_name* to port *to_port_name* was not found.

Explanation

The link specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4117E: Hub *hub_name* was not found.

Explanation

The hub port specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4118E: Router *router_name* was not found.

Explanation

The router specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4119E: Bridge *bridge_name* was not found.

Explanation

The bridge specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4120E: LUN *LUN_name* was not found.

Explanation

The LUN specified as a parameter can not be found in the database.

Administrator Response

Rerun the discovery and probe process, and then run a data collection task.

BTAFM4140E: Agent *Agent_name* was not found.

Explanation

The agent specified as a parameter can not be found in the database.

Administrator Response

Open the agent configuration panel and check on the status of the agents.

BTAFM4141E: Scanner *scanner_name* on agent *agent_name* was not found.

Explanation

The scanner specified as a parameter can not be found in the database.

Administrator Response

Open the agent configuration panel and check on the status of the agents.

BTAFM4142W: Agent *agent_name* was ignored because the switch *switch_name* was probed by agent *agent1_name*.

Explanation

The agent specified was ignored because another, more appropriate one, was used for the same WWN.

Administrator Response

No action is required.

BTAFM4150E: Indexed properties *property_name* don't match.

Explanation

Indexed input parameters different sizes.

Administrator Response

Make sure that all the indexed input parameters are the same size.

BTAFM4180E: Agent to gather sensor and event data is not available for the switch *switch_name*.

Explanation

The switch event and sensor data is only available through SNMP agents.

Administrator Response

Make sure you have configured the correct IP address for the switch for which you want to obtain sensor and event data.

BTAFM4200E: Credentials not found.

Explanation

A problem occurred while accessing the user credentials.

Administrator Response

Make sure the database is running and that the Tivoli Storage Productivity Center setup completed successfully.

BTAFM4300E: The connection to the CIMOM for switch *switch_name* could not be made.

Explanation

The creation of the CIM client failed.

Administrator Response

Ensure that the CIMOM is running and that the correct user ID and password have been set for this CIMOM under CIMOM logins in the user interface panels.

BTAFM4301E: The invocation of CIM method *method_name* failed on CIMOM *cimom_name*. The return code is *return_code*.

Explanation

The CIM method that was invoked on the specified CIMOM failed.

Administrator Response

Check the health of the CIM provider. Check the trace log for an indication of an error or exception and contact IBM customer support.

BTAFM4302E: The invocation of CIM method *method_name* failed on CIMOM *cimom_name* with the following exception text: *exception_text*.

Explanation

The CIM method that was invoked on the specified CIMOM failed.

Administrator Response

Check the health of the CIM provider. Check the trace log for an indication of an error or exception and contact IBM customer support.

BTAFM4303E: Received unexpected values from CIMOM *cimom_name*.

Explanation

The CIMOM returned values that are unexpected and might indicate that the CIMOM is not working correctly.

Administrator Response

Using the CIMBrowser, make sure the CIMOM has the correct information. If not, fix the problem on the CIMOM. Otherwise, check the logs for an indication of an error or exception and contact IBM customer support.

BTAFM4304E: CIMOM *cimom_name* can not contact switch *switch_name*.

Explanation

The CIMOM can not contact the switch that it manages.

Administrator Response

Check the CIMOM logs to determine why it cannot contact the switch.

BTAFM4305E: The CIM method *method_name* is not supported on the switch *switch_name*.

Explanation

The switch does not support the specified function.

Administrator Response

No action is required.

BTAFM4306E: Could not create connection to CIMOM *cimom_name* . Reason: *reason*.

Explanation

A connection to the CIMOM could not be established.

Administrator Response

Check the health of the CIM provider. Check the trace log for an indication of an error or exception and contact IBM customer support.

BTAFM4307E: The username *user_name* or password is wrong on CIMOM *cimom_name*.

Explanation

The username or password specified for the CIMOM are not valid.

Administrator Response

Specify the correct username/password combination for the CIMOM.

BTAFM4501E: No agent is available to configure the zoning on the fabric with ID *fabric_name*.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. An agent to change the zone configuration was not found.

Administrator Response

Check the health of all agents for the fabric. Check that the user id and password are valid.

BTAFM4502E: The fabric with ID *fabric_name* is currently locked by another client.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. The fabric is currently reserved by another client.

Administrator Response

Try the zone configuration again after the other client has finished.

BTAFM4503E: A token for fabric *fabric_name* has expired for client *client_name*.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. The token specified has expired.

Administrator Response

The client must call reserve again to get a new token.

BTAFM4504E: The transaction for fabric *fabric_name* has expired.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. The transaction has expired.

Administrator Response

Start a new transaction to continue the control operations.

BTAFM4505E: Another transaction is in progress for fabric *fabric_name*.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. Another transaction is already in progress.

Administrator Response

Wait until the other client finishes before starting a new transaction.

BTAFM4506E: Zone set *zoneset_name* already exists.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric because a zone set already exists with the specified name.

Administrator Response

Retry the operation with a unique zone set name.

BTAFM4507E: Zone *zone_name* already exists.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric because a zone already exists with the specified name.

Administrator Response

Retry the operation with a unique zone name.

BTAFM4508E: Zone alias *zone_alias_name* already exists.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric because a zone alias already exists with the specified name.

Administrator Response

Retry the operation with a unique zone alias name.

BTAFM4509E: Zone member *zone_member_name* already exists.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric because a zone member already exists with the specified name.

Administrator Response

Retry the operation with a unique zone member name.

BTAFM4510E: Another job is in progress for fabric *fabric_name*.

Explanation

A failure occurred during an attempt to configure zoning on the specified fabric. Another job is already in progress.

Administrator Response

Wait until the other job finishes before starting a new transaction.

BTAFM4550E: The Fabric Manager encountered an error accessing the database.

Explanation

The Fabric Manager service cannot access data stored in the database.

Administrator Response

Check the status of the database. Also, check the logs for an indication of an error or exception and contact IBM customer support.

BTAFM4600E: Unable to start the Fabric Manager service.

Explanation

An exception occurred while starting up one or more components.

Administrator Response

If this is a new installation, make sure the install procedures have been followed. Also, check the trace log for an indication of an error or exception and contact IBM customer support.

BTAFM5000E: Step failed after collecting *Count of collected entities* entities for switch *switch* where entities exist. Continuing with next step.

Explanation

During a probe job one of the collection steps has failed. This entity type is probably not entirely collected. The probe will continue to execute the subsequent collection steps.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5001E: No fabrics passed in the probe job.

Explanation

No fabric wwn passed in the probe job.

Administrator Response

No action is required.

BTAFM5002E: No fabrics found to be probed in the probe job using CIMOM data sources *CIMURL*.

Explanation

When CIMOM data sources are present for the fabric, the Fabric Probe first tries to rediscover the fabrics and switches via those data sources before proceeding to gather more detailed information. A problem was encountered during this step. The CIMOM either returned an error, or the CIMOM can no longer contact the switches.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5003E: No switch retrieved from database for fabric *fabric identity*.

Explanation

During a probe job cannot retrieve switch for a fabric from database.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5004E: No switch retrieved from CIMOM for fabric *fabric identity*.

Explanation

During a probe job associator call from Fabric to Switch returns nothing.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5005E: No switch found for fabric *fabric identity*.

Explanation

During a probe job no switch found for fabric.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5006E: No switch retrieved from database.

Explanation

During a probe job cannot retrieve switch from database.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5007E: Failed to get CIM entity for fabric *fabric_name*.

Explanation

Failed to get fabric CIM entity.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5008E: Failed to get CIM entity for switch *switch_name*.

Explanation

Failed to get switch CIM entity.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5009E: Failed to enumerate CIM entity *Entity class name*.

Explanation

Failed to enumerate CIM entity.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5010E: CIMOM is not available.

Explanation

CIMOM is not available.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5011E: Failed to get blade for switch *Switch name*.

Explanation

Failed to get blade for switch.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5012E: Failed to get physicalpackage for blade with slot number *Blade slot name*.

Explanation

Failed to get blade physicalpackage.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5013E: Blade serial number is NULL.**Explanation**

Blade serial number is NULL.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5014E: Step failed after collecting *Count of collected entities* entities for fabric *fabric where entities exist*. Continuing with next step.**Explanation**

During a probe job one of the collection steps has failed. This entity type is probably not entirely collected. The probe will continue to execute the subsequent collection steps.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5015E: Data source could not be retrieved from TPC database for fabric *fabric where data source exists*.**Explanation**

Data source could not be retrieved from TPC database.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5016E: The selected data source could not be contacted for fabric *fabric where data source exists*.**Explanation**

The inactive data source could not be contacted.

Administrator Response

Make sure the selected data source is up running. If not, select another data source and re-run the probe.

BTAFM5017E: Failed to get fabric for switch *Switch name*.**Explanation**

Failed to get fabric for switch.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5018E: Failed to get CIM entity for port *port_name*.

Explanation

Failed to get port CIM entity.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5019E: Failed to get switch for port *port_name*.

Explanation

Failed to get switch for port.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5020E: Failed to get blade for port *port_name*.

Explanation

Failed to get blade for port.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5021E: Failed to get CIM entity for blade *blade_name*.

Explanation

Failed to get blade CIM entity.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5022E: Failed to get switch for blade *blade_name*.

Explanation

Failed to get blade switch.

Administrator Response

Look for prior error messages in this log and review the traceFabric.log file. If the problem persists, contact IBM Support.

BTAFM5023E: Failed to discover Fabric and Switch.

Explanation

Failed to discover Fabric and Switch.

Administrator Response

Look for prior error messages in this log and review the device discover log file. If the problem persists, contact IBM Support.

BTAHM

BTAHM2501E: The *service name* Service failed to start due to condition.

Explanation

An error condition prevented the service from starting.

System action

The service is not started.

Administrator Response

Correct the condition that prevented the service from starting.

BTAHM2520E: Agent *agent name* has been marked inactive.

Explanation

The specified agent is not visible to the manager.

System action

The operation is not completed. No retry is attempted.

Administrator Response

Check to make sure that the SANAgentHostQuery service is up and running on the Managed Host.

BTAHM2521E: The agent returned an invalid name.

Explanation

An agent name is not in the proper format, according to java.net.InetAddress.

System action

This will probably not cause problems.

Administrator Response

Make sure that the managed host name has a valid IP address and host name.

BTAHM2522E: *agent name* is not a known agent.

Explanation

The specified agent is not known to the host manager.

System action

The operation is not completed. No retry is attempted.

Administrator Response

Run a Fabric discovery and then retry the operation.

BTAHM2524E: The agent returned an invalid port number.

Explanation

The port number was non-numeric, or was not in the range 0-65535.

System action

The operation is not completed. No retry is attempted.

Administrator Response

Provide a valid port number in the range of 0-65535.

BTAHM2525E: Agent *agent name* cannot be removed because it is active.

Explanation

The agent has not been removed.

Administrator Response

Remove the agent from the IP network and wait until the Fabric Manager detects that the agent is gone.

BTAHM2527E: Unexpected error *java error*.

Explanation

An internal programming error caused an error.

System action

The operation is not completed. No retry is attempted.

Administrator Response

Save the error message and error log and contact your service representative for assistance in resolving the error.

BTAHM2528I: Agent *host name* has been marked active.

Explanation

The specified agent is visible to the host manager.

System action

The system continues with normal operations.

BTAHM2551I: An inactive agent *agent name* has been removed.

Explanation

The inactive agent has been removed.

System action

The system continues with normal operations.

BTAHM2580I: The *service name* service started.

Explanation

The host manager started.

System action

The host manager is started.

BTAHM2581I: The *service name* service is shut down.

Explanation

The host manager is shut down.

System action

The host manager is shut down.

BTAHQ

BTAHQ2937E: The *reason* HostQuery_constructor HostQuery.

Explanation

There was a HostQuery_constructor error in HostQuery.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTAHQ2938E: The *reason*Authentication_exception HostQuery.

Explanation

An exception occurred during authenticationContext initialization and authentication login.

System action

The operation fails.

Administrator Response

Correct the condition that caused the operation to fail.

BTAHQ2939I: The *service name* Service started.

Explanation

The HostQuery Service started successfully.

BTAHQ2940I: The *service name* Service shutdown.

Explanation

The HostQuery Service shut down successfully.

BTAHQ2941E: Failed to invoke method: *method name* on HostManager.

Explanation

The heartbeat method failed on HostManager Service.

System action

The operation failed.

Administrator Response

Check the Fabric Manager to make sure the HostManager service is running.

BTAHQ2942I: Heartbeat started, method: *method name* on HostManager.

Explanation

The heartbeat method started successfully on HostManager Service.

BTAHQ2943E: A GUID read failed during startup, the SANAgentHostQuery Service cannot be started.

Explanation

A GUID value could not be retrieved by the SANAgentHostQuery Service.

System action

The SANAgentHostQuery Service failed to start.

Administrator Response

Generate the GUID on the system by reinstalling the agent or by command.

BTAHQ2944E: Failed to retrieve HostName during startup. SANAgentHostQuery Service cannot be started.

Explanation

Host Name could not be retrieved by SANAgentHostQuery Service.

System action

The SANAgentHostQuery Service failed to start.

Administrator Response

Check that the executable "gethostname" is present in the /bin directory. If it is not, reinstall the agent.

BTAHQ2945E: Agent heartbeat invocation on the HostManager failed because the call timed out.

Explanation

The method timed out.

System action

The operation failed.

Administrator Response

Check the Fabric Manager to make sure the HostManager service is running.

BTAHQ2946E: Agent heartbeat invocation on the HostManager timed out multiple times.

Explanation

The heartbeat method timed out multiple times in a row and will not be tried any further.

System action

The operation failed.

Administrator Response

Check the Fabric Manager to make sure the HostManager service is running and restart the agent.

BTAIC1200E: The InbandChangeAgent cannot contact the EventCorrelator.**Explanation**

An error condition prevented the InbandChangeAgent from contacting the EventCorrelator. One possible cause is that the EventCorrelator service is not active.

System action

The communication between InbandChangeAgent and EventCorrelator will be reestablished when the EventCorrelator service is active again.

Administrator Response

Verify that all IBM Tivoli Storage Productivity Center for Fabric services are running. Restart the EventCorrelator service if necessary.

BTAIC1201E: An error occurred while reading the InbandEvents file.**Explanation**

IBM Tivoli Storage Productivity Center for Fabric encountered an error while reading the InbandEvents file.

Administrator Response

Contact IBM customer support if the problem persists.

BTAIC1202E: The InbandChangeAgent thread has been interrupted.**Explanation**

An error condition interrupted the InbandChangeAgent thread. This might be caused by the InbandChangeAgent service shutting down.

Administrator Response

Verify that all IBM Tivoli Storage Productivity Center for Fabric services are running. Restart the InbandChangeAgent service if necessary.

BTAIC1203E: The InbandChangeAgent failed to execute the Event.exe command.**Explanation**

An error condition prevented the InbandChangeAgent from executing the Event.exe command.

Administrator Response

Verify that all IBM Tivoli Storage Productivity Center for Fabric services are running. Restart any services that are not running.

BTAIC1204E: The AIX protocol driver must be uninstalled to prevent it from interfering with the EventScanner.

Explanation

The Fabric Manager agent does not use the protocol driver for this version of AIX. The protocol driver can prevent the EventScanner from gathering in-band events on an AIX host.

Administrator Response

Please uninstall the protocol driver using the instructions in the *Planning and Installation Guide*. Restart the agent after uninstalling the protocol driver.

BTAIC1205E: In-band event notification requires at least maintenance level 2 for AIX 5.2.

Explanation

In-band event notification functionality requires at least maintenance level 2 for AIX 5.2.

Administrator Response

Please apply maintenance level 2 or greater to the AIX host and restart the Fabric Manager agent.

BTAIC1206E: In-band event notification requires at least maintenance level 1 for AIX 5.3.

Explanation

In band event notification functionality requires at least maintenance level 1 for AIX 5.3.

Administrator Response

Please apply maintenance level 1 or greater to the AIX host and restart the agent.

BTAIC1207E: The version of AIX that is running on this managed host is not supported.

Explanation

This AIX managed host is running an unsupported level of the operating system. The Fabric Manager agent might not function properly.

Administrator Response

Please contact IBM customer support.

BTALG

BTALG0001I: Logging Toolkit is ready.

Explanation

NoHelp

BTALG0043I: Invalid number of parameters.

Explanation

NoHelp

BTALG0044I: Invalid option.

Explanation

NoHelp

BTALG0045I: Function not supported for native loggers.

Explanation

NoHelp

BTALG0046I: Locale is set to *locale*.

Explanation

NoHelp

BTALG0047I: Logger is *state*.

Explanation

NoHelp

BTALG0050I: Attached handlers are *handlers*.

Explanation

NoHelp

BTALG0051I: Filterkey is set to *filterkey*.

Explanation

NoHelp

BTALG0052I: Format is set to *format*.

Explanation

NoHelp

BTALG0053I: Formatter is set to *formatter*.

Explanation

NoHelp

BTALG0054I: Filename is set to *filename*.

Explanation

NoHelp

BTALG0055I: Maxfiles is set to *maxfiles*.

Explanation

NoHelp

BTALG0056I: Maxfilesize is set to *maxfilesize* KB.

Explanation

NoHelp

BTALG0057I: Locale was set to *locale*.

Explanation

NoHelp

BTALG0058I: Filterkey was set to *filterkey*.

Explanation

NoHelp

BTALG0059I: Invalid format *format*.

Explanation

NoHelp

BTALG0060I: Format was set to *format*.

Explanation

NoHelp

BTALG0061I: Formatter was set to *format*.

Explanation

NoHelp

BTALG0062I: Filename was set to *filename*.

Explanation

NoHelp

BTALG0063I: Maxfiles was set to *maxfiles*.

Explanation

NoHelp

BTALG0064I: Maxfilesize was set to *maxfilesize* KB.

Explanation

NoHelp

BTALG0065I: Logging defaults have been restored.

Explanation

NoHelp

BTALG0066I: Failed to update property.

Explanation

NoHelp

BTALG0067I: Logger has been turned *state*.

Explanation

NoHelp

BTALG0068I: Invalid option *option*.

Explanation

NoHelp

BTALG0070I: Handler added successfully.

Explanation

NoHelp

BTALG0071I: Failed to add handler.

Explanation

NoHelp

BTALG0072I: Handler removed successfully.

Explanation

NoHelp

BTALG0073I: Failed to remove handler.

Explanation

NoHelp

BTALG0074I: Invalid command *command*.

Explanation

NoHelp

BTALG0075I: Debug is set to *state*.

Explanation

NoHelp

BTALG0078I: Failed to get property information.

Explanation

NoHelp

BTALG0079I: Displays logging properties.

Explanation

NoHelp

BTALG0080I: Provides general information on the Logging Service commands.

Explanation

NoHelp

BTALG0081I: Defines logging properties.

Explanation

NoHelp

BTALG0082I: Adds a handler to the specified logger.

Explanation

NoHelp

BTALG0083I: Enables or disables additional logging commands.

Explanation

NoHelp

BTALG0084I: Provides a list of loggers, handlers, or formatters.

Explanation

NoHelp

BTALG0085I: Removes a handler object.

Explanation

NoHelp

BTALG0093I: IBM Tivoli Storage Productivity Center Logging Toolkit for Fabric

Explanation

NoHelp

**BTALG0094I: Command Line Interface - Version *version*
Release *release* Level *level* minor**

Explanation

NoHelp

BTALG0095I: LOGGING SERVICE COMMANDS

Explanation

NoHelp

BTALG0116I: Adds the handler to the specified logger.

Explanation

NoHelp

BTALG0118I: Displays the current types of messages that are logged in the log file.

Explanation

NoHelp

BTALG0119I: Displays the maximum number of log files to be created.

Explanation

NoHelp

BTALG0120I: Displays the maximum file size of the log before a new log file is created.

Explanation

NoHelp

BTALG0121I: Displays the format in which messages are saved in the log file.

Explanation

NoHelp

BTALG0122I: Displays the current language locale setting in which messages are displayed in the message log file.

Explanation

NoHelp

BTALG0123I: Displays the file name associated with the specified handler.

Explanation

NoHelp

BTALG0124I: Displays the formatter that is attached to the specified handler.

Explanation

NoHelp

BTALG0125I: Displays the handler that is attached to the specified logger.

Explanation

NoHelp

BTALG0126I: Displays if the logger is on or off. You must specify a logger for the object name.

Explanation

NoHelp

BTALG0127I: Displays the current types of messages that are logged for the specified logger.

Explanation

NoHelp

BTALG0128I: Displays the maximum number of log files to be created for the specified handler.

Explanation

NoHelp

BTALG0129I: Displays the maximum file size of log files created by the specified handler.

Explanation

NoHelp

BTALG0131I: Logging configuration corrupted. Restoring default configuration.

Explanation

NoHelp

BTALG0132I: Displays a list of loggers.

Explanation

NoHelp

BTALG0133I: Displays a list of formatters.

Explanation

NoHelp

BTALG0134I: Displays a list of handlers.

Explanation

NoHelp

BTALG0135I: Removes the handler from the specified logger.

Explanation

NoHelp

BTALG0136I: -handlers=<list_of_handlers>

Explanation

This is a command line command.

BTALG0137I: Specifies the types of messages that will be logged.

Explanation

NoHelp

BTALG0138I: Sets the maximum number of log files to be created.

Explanation

NoHelp

BTALG0139I: Sets the maximum file size (in kilobytes) of the log before a new log file is created.

Explanation

NoHelp

BTALG0140I: Sets the format in which messages are saved in the log file.

Explanation

NoHelp

BTALG0142I: Sets the file name where the specified handler will output log messages.

Explanation

NoHelp

BTALG0143I: Sets the formatter used by the specified handler.

Explanation

NoHelp

BTALG0145I: Turns the log on or off. You must specify a logger for the object name.

Explanation

NoHelp

BTALG0146I: Specifies the types of messages that will be logged.

Explanation

NoHelp

BTALG0147I: Sets the maximum number of log files to be created.

Explanation

NoHelp

BTALG0148I: Sets the maximum file size (in kilobytes) of the log before a new log file is created.

Explanation

NoHelp

BTALG0149I: Resets the logging properties to their default settings.

Explanation

NoHelp

BTALG0155E: *logger* is not a valid logger. Failed to update property.

Explanation

NoHelp

BTAMS

BTAMS0001W: Failed to load the configuration for the database exception handler.

Explanation

Failed to load an optional configuration file for the database exception handler. The default configuration will be used.

Administrator Response

No action is required.

BTAMS0002I: Data server

Explanation

Identifier for the Data server.

Administrator Response

No action is required.

BTAMS0003I: Device server

Explanation

Identifier for the Device server.

Administrator Response

No action is required.

BTAMS0004I: Unknown

Explanation

Identifier that is used if the server type cannot be determined.

Administrator Response

No action is required.

BTAMS0005W: Failed to update the database pool monitor handler *handler name*.

Explanation

Failed to update the specified database pool monitor.

Administrator Response

No action is required.

BTAMS0006W: Failed to initialize the database pool monitor handler *handler name*.

Explanation

Failed to initialize the specified database pool monitor.

Administrator Response

No action is required.

BTAMS0500I: IBM Tivoli Storage Productivity Center for Fabric MessagingService started successfully.

Explanation

The Messaging Service has started successfully.

BTAMS0501I: The Messaging Service has shutdown.

Explanation

The Messaging Service has been shutdown.

BTAMS0502I: Service *service name* subscribed to topic *topic name*.

Explanation

The specified service has subscribed to events published to the specified topic.

BTAMS0503I: Event published to topic *topic name*.

Explanation

An event has been published to the specified topic.

BTAMS0504E: Messaging Service failed to get a proxy to the *service name* service.

Explanation

Messaging Service could not get a proxy to the service.

Administrator Response

Review the message log to determine why the proxy could not be obtained. If this problem persists, enable ServiceManager tracing to assist in determining why the proxy could not be obtained.

BTAMS0505E: Messaging Service could not invoke the onMessage method on service *service name*.

Explanation

An exception occurred when invoking the onMessage method on the specified service. The service might not be running.

Administrator Response

Verify that the service is up and running.

BTAQE

BTAQE1100E: Query Engine Event Generator can not start.

Explanation

The SAN Query Engine Event Generator was unable to start.

Administrator Response

Get the SANQueryEngine service trace information from the trace log, and contact IBM customer support.

BTAQE1101E: Unable to open the database.

Explanation

IBM Tivoli Storage Productivity Center for Fabric was unable to open the database. There might be a problem with the database or the network connections to the database server.

Administrator Response

Make sure that the database is online and working properly and is connected to the network. Stop and restart the manager, which will allow the database to synchronize its data.

BTAQE1102E: Unable to close the database.

Explanation

IBM Tivoli Storage Productivity Center for Fabric was unable to close the database. There might be a problem with the database or the network connections to the database server.

Administrator Response

Make sure that the database is online and working properly and is connected to the network. Stop and restart the manager, which will allow the database to synchronize its data.

BTAQE1104E: The Query Engine check write authority failed.

Explanation

The IBM Tivoli Storage Productivity Center for Fabric query engine does not have the appropriate authority. There might be a problem with the product license file or with the license server, or the current license might have expired.

System action

No SNMP Agents will be added to the manager.

Administrator Response

Make sure the IBM Tivoli Storage Productivity Center for Fabric license has not expired. Contact IBM customer support to get a new license, if necessary.

BTAQE1105E: Check for QueryEngine Authentication failed.

Explanation

During a routine authorization check, IBM Tivoli Storage Productivity Center for Fabric encountered an error. There might be a problem with the license file or the license server, or the current license might have expired.

System action

No events will be published from SANQueryEngine.

Administrator Response

Make sure the IBM Tivoli Storage Productivity Center license has not expired for Fabric. Contact IBM customer support to get a new license, if necessary.

BTAQE1106E: The SANQueryEngine thread has been interrupted.

Explanation

There is a problem with the SANQueryEngine service. This might be caused by the service shutting down.

Administrator Response

Make sure the SANQueryEngine service is active. If it is not running, you may need to stop and restart the manager to bring the service up again.

**BTAQE1107E: InbandScanHandler failed to start
InbandScanner *scanner name* on managed host *target*.**

Explanation

The InbandScanner scans managed hosts for device information and displays that information in the network topology display. The InbandScanner is necessary for providing accurate information about your SAN.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

**BTAQE1108E: InbandScanHandler failed to get callback
information for InbandScanner *scanner name* on managed host
target.**

Explanation

The InbandScanHandler service was unable to receive device information from the scanner. This can cause the network topology displays to show inaccurate SAN data. Other services will be affected as well.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

**BTAQE1109E: An error occurred while attempting to save the
IP target to the database.**

Explanation

There might be a problem with the database or with the network connections to the database.

Administrator Response

Make sure the database is running and is properly connected to the network. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

**BTAQE1110E: An error occurred while attempting to delete an
IP target from database.**

Explanation

There might be a problem with the database or with the network connections to the database.

Administrator Response

Make sure the database is running and is properly connected to the network. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1111E: An error occurred while querying the IP target information from the database.

Explanation

There might be a problem with the database or with the network connections to the database.

Administrator Response

Make sure the database is running and is properly connected to the network. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1112E: During an outband scan, the scanner *scanner name* was unable to identify the target host *target*.

Explanation

The target host might have an invalid IP address.

Administrator Response

Verify the IP address of the target managed host. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1113E: Unable to invoke an Outband scan *scanner name* on target *target*.

Explanation

IBM Tivoli Storage Productivity Center was unable to start an outband scan for Fabric. There might be problems with the SAN connectivity.

Administrator Response

Make sure the SAN is working properly. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1115E: The outband scanner *scanner name* did not return the SAN ID on target *target*.

Explanation

The switch vendor may not support FE MIB or certain fields in the FC MGMT MIB.

Administrator Response

Check the Tivoli Support Web site to see if the switch is supported by IBM Tivoli Storage Productivity Center for Fabric. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1116E: Database errors occurred while performing queries on Tasks.

Explanation

There might be a problem with the database or the network connections to the database.

Administrator Response

Make sure the database is running and is properly connected to the network.

BTAQE1118E: Errors occurred while resolving InterconnectElement and Port relationship.

Explanation

Some of the data returned from the scanner could not be resolved.

Administrator Response

Get the SANQueryEngine service trace information from the trace log, and contact IBM customer support.

BTAQE1119E: Errors in Topology XML generator.

Explanation

Some of the data generated by the scanner appears to have errors.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1120E: Errors in creating an entity.

Explanation

Errors occurred while attempting to create an entity from the results of a scan.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1121E: Invalid target host IP address.

Explanation

The IP address that was returned from the target host appears to be invalid.

Administrator Response

Verify the IP address of the target host. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1122E: Failed to get the SNMP Service proxy.

Explanation

The scanner was unable to get the SNMP Service proxy. This might be caused by network problems.

Administrator Response

Make sure the network is running properly. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1123E: Unable to close the event publisher.

Explanation

IBM Tivoli Storage Productivity Center for Fabric was unable to close the event publisher.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1124E: Unable to compress scanner result due to IOException: *exception*.

Explanation

An IOException occurred in the process of compressing the scanner result.

BTAQE1125E: Unable to uncompress the scanner result due to IOException: *exception*.

Explanation

An IOException occurred in the process of uncompressing the scanner result.

BTAQE1126I: An unidentified port was removed from the scan data.

Explanation

The outband AdvancedTopologyScanner scan data contained a port entity which did not have a port World Wide Name (WWN), or it had a port WWN of 0000000000000000. The port cannot be identified.

Administrator Response

This problem can be caused by a switch port being improperly configured. Check the switch port configurations. For more information on the unidentified port, get the SANQueryEngine service trace information from the trace log.

BTAQE1127E: An outband scanner failed to capture the scan data.

Explanation

An error condition prevented the scanner from processing the outband scan data.

System action

Processing continues, but only partial data or no data is returned.

Administrator Response

If the problem continues, contact IBM customer support.

BTAQE1128E: An outband scanner failed to save the scan data for benchmark comparison.

Explanation

An outband scanner encountered an error while saving the scan data as a benchmark file. This file is created when the scanner is run for the first time. When the scanner is invoked again, the scan data is compared against the saved benchmark data from the previous scan for optimization processing. Benchmark comparison will not be performed for the next scan due to the encountered error.

System action

Processing continues, but no benchmark comparison will be performed for the next scan.

Administrator Response

Check to see if the file system is full on the managed host system. If the problem continues, contact IBM customer support.

BTAQE1129E: An outband scanner failed to read the benchmark file *benchmark file name* saved from the previous scan.

Explanation

An outband scanner encountered an error while reading the benchmark file. This file is created when the scanner is run for the first time. When the scanner is invoked again, the scan data is compared against the saved benchmark data from the previous scan for optimization processing. Benchmark comparison is not performed for the current scan due to the encountered error.

System action

Processing continues, but no benchmark comparison is performed for current scan.

Administrator Response

Check to see if the *benchmark file name* exists in the specified path on the manager system. If the problem continues, contact IBM customer support.

BTAQE1130E: An outband scanner failed to decrypt the password for target *target IP*.

Explanation

An outband scanner encountered an error decrypting an outband agent password to target address *target IP* . Either the encrypted password does not exist, or it has been corrupted.

Administrator Response

Restart the product. If the problem continues, contact IBM customer support.

BTAQE1131E: The BrocadeApiScanner failed to load the Brocade API library.

Explanation

The Brocade API library could not be found on the manager system. The BrocadeApiScanner was not able to load the Brocade API library. This is most likely caused by an installation problem.

Administrator Response

If the problem continues, contact IBM customer support.

BTAQE1132E: The user ID or password entered for the outband agent target address *target address* is incorrect.

Explanation

An outband scanner encountered an error attempting to use the user ID or password entered for the outband agent target address *target address*. Either the user ID or password entered for the target address is incorrect.

Administrator Response

Reenter the user ID or password. If the problem continues, contact IBM customer support.

BTAQE1133E: The outband agent target address *IP address* is not a Brocade device or is invalid.

Explanation

The BrocadeApiScanner cannot be run on the outband agent target address *IP address*. Either the device is not a Brocade device or the IP address is not valid.

Administrator Response

If the problem continues, contact IBM customer support.

BTAQE1134I: The outband agent target address *TargetIP address* does not respond to Fibre Channel MIB (previously called the Fibre Alliance MIB) queries.

Explanation

A basic query to the Fibre Channel MIB at IP address *TargetIP address* did not respond. Either the device does not support the Fibre Channel MIB, or it is not enabled.

Administrator Response

If the problem continues, contact IBM customer support.

BTAQE1135E: Unable to get the license state from the license server.

Explanation

Unable to get either the license state or the license state value from the license server.

Administrator Response

No operator response

BTAQE1136E: The Query Engine cannot obtain a valid IP address for the host *target*.

Explanation

The host might have an invalid IP address.

Administrator Response

Verify the IP address of the host. Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1137E: The Query Engine could not obtain the information for target host *target* from the database.

Explanation

An error occurred while attempting to obtain target host information. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1138E: The Query Engine could not obtain the capability information for target host *target* from the database.

Explanation

An error occurred while attempting to obtain target host capability information. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1139E: The Query Engine could not obtain the information for all known target hosts from the database.

Explanation

An error occurred while attempting to obtain target host information. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1140E: Error creating an event subscriber.

Explanation

The Query Engine received an error while trying to create an event subscriber. This might have been caused by a service not starting properly. This will not affect system processing.

Administrator Response

If this message continues to appear, contact IBM customer support.

BTAQE1141E: The Query Engine could not obtain the scheduled scan information from the database.

Explanation

An error occurred while attempting to obtain scheduled scan information. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1142E: The Query Engine could not obtain the list of active scanners from the database.

Explanation

An error occurred while attempting to obtain the list of active scanners. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1143E: The Query Engine could not obtain the list of inactive scanners from the database.

Explanation

An error occurred while attempting to obtain the list of inactive scanners. This could be caused by a network error, or there could be a problem with the database.

Administrator Response

Make sure the network is functioning properly. Check to see if the database is online and functioning properly. Retry the operation. If it continues to fail, contact IBM customer support.

BTAQE1144E: An error occurred attempting to run the *scanner name* scanner on the IBM Tivoli Storage Productivity Center managed host for Fabric *target*.

Explanation

IBM Tivoli Storage Productivity Center for Fabric periodically scans each managed host to identify associated devices.

Administrator Response

Check the status of the managed hosts. Check the message log file on the managed host for any error information. Restart any hosts that are not running properly.

BTAQE1145E: The *scanner name* scanner running on the IBM Tivoli Storage Productivity Center for Fabric managed host *target* found no SAN.

Explanation

An error occurred attempting to run a scan on one of the IBM Tivoli Storage Productivity Center for Fabric managed hosts. The scanner did not find a Storage Area Network (SAN).

Administrator Response

Check that the host-based adapter (HBA) is properly connected to the Storage Area Network.

BTAQE1146E: The *scanner name* scanner running on IBM Tivoli Storage Productivity Center for Fabric managed host *target* found no host-based adapter (HBA).

Explanation

An error occurred while attempting to run a scan on one of the IBM Tivoli Storage Productivity Center for Fabric managed hosts. The scanner could not communicate with the HBA.

Administrator Response

Check that an HBA is installed in the managed host and is properly connected to the SAN. Also check that the correct level of device drivers are installed.

BTAQE1147E: The *scanner name* scanner running on IBM Tivoli Storage Productivity Center for Fabric managed host *target* found no SCSI host-based adapter (HBA).

Explanation

An error occurred while attempting to run a scan on one of the IBM Tivoli Storage Productivity Center for Fabric managed hosts. The scanner could not communicate with the HBA.

Administrator Response

Check that an HBA is installed in the managed host and is properly connected to the SAN. Also check that the correct level of device drivers are installed.

BTAQE1149E: A scanner overlap condition has occurred for the *scanner name* scanner on the IBM Tivoli Storage Productivity Center for Fabric managed host *target* .

Explanation

IBM Tivoli Storage Productivity Center for Fabric periodically scans each managed host to identify associated devices. In this case the managed host has determined that more than one scanner process of the same type attempted to run on the managed host at the same time. This condition is known as scanner overlap. The scanner overlap condition is not allowed on the managed host, and should be corrected.

Administrator Response

Check the status of the managed host. Check the message log file on the managed host for any error information. Terminate the scanner processes still running on the managed host. Restart the managed host if needed. If the problem continues, contact IBM customer support.

BTAQE114E: OutbandScannerHandler received invalid callback information for Outband scanner *scanner name* on target *target*.

Explanation

The information received from an outband scan appears to be invalid.

Administrator Response

Get the SANQueryEngine service trace information from the trace log and contact IBM customer support.

BTAQE1150I: The outband agent target address *TargetIP address* does not support topology discovery through SNMP Fibre Channel MIB (previously called the Fibre Alliance MIB), or Cisco VSAN MIB queries.

Explanation

A basic query to either the Fibre Channel Management MIB, or the Cisco VSAN MIB to IP address *TargetIP address* did not respond. Either the device does not support the Fibre Channel Management MIB, or the Cisco VSAN MIB, or one of those MIBs is not enabled.

Administrator Response

If the problem continues, contact IBM customer support.

BTAQE1151I: The outband agent with target address *TargetIP address* has been added.

Explanation

An agent with IP address *TargetIP address* has been added.

Administrator Response

This event occurs as a result of adding an outband agent using the Add Fabric Agent panel.

BTAQE1152I: The outband agent with target address *TargetIP address* has been removed.

Explanation

An agent with IP address *TargetIP address* has been removed.

Administrator Response

This event occurs as a result of removing an outband agent using the Fabric Agents panel.

BTAQE117E: Database errors occurred while saving the task.

Explanation

There might be a problem with the database or the network connections to the database.

Administrator Response

Make sure the database is running and is properly connected to the network.

BTASA

BTASA1400E: The SAN Agent Scanner failed to execute the inband scanner *scanner* with the command: *scan command*.

Explanation

An error condition prevented the scanner from executing the inband scan.

System action

Processing continues, but no data is returned.

Administrator Response

Verify that the scanner executable *scanner* exists in the specified path on the managed host system. If the problem continues, contact IBM customer support.

BTASA1401E: The SAN Agent Scanner failed to capture the inband scan data.

Explanation

An error condition prevented the scanner from processing the inband scan data.

System action

Processing continues, but only partial data or no data is returned.

Administrator Response

If the problem continues, contact IBM customer support.

BTASA1403E: The SAN Agent Scanner failed to save the scan data for benchmark comparison.

Explanation

The scanner encountered an error while saving the scan data as a benchmark file. This file is created when the scanner is run for the first time. When the scanner is invoked again, the scan data is compared against the saved benchmark data from the previous scan for optimization processing. Benchmark comparison is not performed for the next scan due to the encountered error.

System action

Processing continues, but no benchmark comparison is performed for the next scan.

Administrator Response

Check to see if the file system is full on the managed host system. If the problem continues, contact IBM customer support.

BTASA1404E: The SAN Agent Scanner failed to read the benchmark file *benchmark file* saved from the previous scan.

Explanation

The scanner encountered an error while reading the benchmark file. This file is created when the scanner is run for the first time. When the scanner is invoked again, the scan data is compared against the saved benchmark data from the previous scan for optimization processing. Benchmark comparison is not performed for the current scan due to the encountered error.

System action

Processing continues, but no benchmark comparison is performed for current scan.

Administrator Response

Check to see if the benchmark file *benchmark file name* exists in the specified path on the managed host system. If the problem continues, contact IBM customer support.

BTASA1405E: The SAN Agent Scanner failed to retrieve the global unique identifier from Host Query.

Explanation

The scanner encountered an error while retrieving the global unique identifier for the managed host agent from Host Query. This identifier is required for the service to initialize.

System action

The service fails to initialize. The product can not continue processing.

Administrator Response

Verify that the SAN Agent Host Query service is initialized. Try to restart the managed host agent if the SAN Agent Scanner is the only service that is not initialized. Otherwise, follow the instructions in the Install Guide to uninstall and reinstall the agent. If the problem continues, contact IBM customer support.

BTASA1406I: The SAN Agent Scanner Service has initialized successfully.

Explanation

The scanner service has initialized successfully.

BTASA1407I: The Inband scanner *scanner* has started.

Explanation

The specified inband scanner has started on the managed host.

BTASA1408I: The Inband scanner *scanner* has ended with return code *return code*.

Explanation

The specified inband scanner has ended on the managed host.

BTASA1409E: A scanner overlap condition has occurred on the IBM Tivoli Storage Productivity Center for Fabric managed host.

Explanation

The managed host has determined that more than one scanner process of the same type attempted to run on the managed host at the same time. This condition is known as scanner overlap. The scanner overlap condition is not allowed on the managed host, and should be corrected.

Administrator Response

Check the status of the managed host. Check the message log file on the managed host for any error information. Terminate the scanner processes still running on the managed host. Restart the managed host if needed. If the problem continues, contact IBM customer support.

BTASA1420E: The GS-3 Zone Control DLL could not be loaded.

Explanation

The GS-3 Zone Control DLL was not loaded properly. The Zone Control functions will not operate properly.

Administrator Response

Stop and restart the agent. Check that the system has adequate disk and memory available when the agent is started. Check the agent install log for errors. Uninstall and reinstall the agent if necessary. If the problem continues, contact IBM customer support.

BTASD

BTASD1922E: An error occurred while getting the information from device services.

Explanation

The device service could not be contacted by the data service. Possible causes are device server is not running. Communication between the data server machine and the device server machine was not possible.

Administrator Response

Check to see if the device server is currently operational. Check to see if communication is possible between the data and device server. If it continues to fail, restart the device server then restart the data server.

BTASD1923E: The agent *agent identifier* is currently *agent state*. It must be in order to remove it.

Explanation

Agent must be in inactive state in order to remove it.

Administrator Response

Stop the inband agent. Try to remove again.

BTASD1924E: The username or password for the Brocade Agent is incorrect.

Explanation

The username or password specified for the Brocade Agent is incorrect.

Administrator Response

Determine and enter in the correct user and password.

BTASD1925E: Error connecting to switch. The switch may not be a Brocade switch. You may also have received this message if your Brocade switch has too many existing interface connections, or you may have received this message for another reason that is specific to Brocade.

Explanation

This agent may not be a Brocade agent, in which case the Advanced Brocade Discovery option is not available. You may also have received this message if your Brocade switch has too many existing interface connections, which can happen if you have multiple SMIS Agents using this switch. You may also have received this message for another problem specific to Brocade that is not listed here.

Administrator Response

If your switch is not a Brocade switch, there is no admin response. If your switch is a Brocade switch, and you have three or more SMIS Agents using this switch, try removing the switch from one of your SMIS Agents' configurations.

BTASD1926E: Unable to contact zone agent

Explanation

Zoning agent could not be found to conduct zoning on this fabric

Administrator Response

Determine whether Fabric has a zoneable agent.

Check the status of the device server.

Restart the device server.

BTASD1927E: Unable to contact zoning agent. Token used for contacting zone agent is invalid.

Explanation

A token is used to ensure that only one agent can configure zoning at a time. This error can occur when the zoning agent is unable to contact the switch and the token times out.

Administrator Response

Try doing zoning operation again. Another agent may have completed its task allowing this one to gain a token.

Determine whether Fabric has a zoneable agent.

Check the status of the device server.

Restart the device server.

BTASD1928E: Agent capable of configuring zoning could not be found on this Fabric

Explanation

Zoning a fabric requires an agent capable of zoning be available on the fabric. Typically this is an inband fabric agent. SNMP agents are only capable of zoning if they are a Brocade agent with the user and password information configured. A token is used to ensure that only one agent can configure zoning at a time. This error can occur when the zoning agent is unable to contact the switch and the token times out.

Administrator Response

Determine if fabric has zoning agent. Inband or Brocade agent are typically required.

Check status of fabric agent. If inactive, activate it

Check the status of the device server.

Restart the device server.

BTASD1929E: Zoning is already being configured on this Fabric. New zoning can not be done until agent is available again

Explanation

To avoid colliding zoning configurations, two agents can not zone the same fabric at the same time. This error occurs when two separate interfaces attempt to conduct zoning at the same time. The interfaces can be the Tivoli Storage Productivity Center GUI, the native switch UI or the Tivoli Storage Productivity Center CLI.

Administrator Response

Determine if another UI is attempting zoning. Wait for it to complete and try again.

Check the status of the device server.

Restart the device server.

BTASD1930E: Unable to contact zone agent

Explanation

Zoning agent could not be found to conduct zoning on this fabric

Administrator Response

Determine whether Fabric has a zoneable agent.

Check the status of the device server.

Restart the device server.

BTASD1931E: Unable to contact zoning agent. Token used for contacting zone agent is invalid.

Explanation

A token is used to ensure that only one agent can configure zoning at a time. This error can occur when the zoning agent is unable to contact the switch and the token times out.

Administrator Response

Try doing zoning operation again. Another agent may have completed its task allowing this one to gain a token.

Determine whether Fabric has a zoneable agent.

Check the status of the device server.

Restart the device server.

BTASD1932E: Agent capable of configuring zoning could not be found on this Fabric

Explanation

Zoning a fabric requires an agent capable of zoning be available on the fabric. Typically this is an inband fabric agent. SNMP agents are only capable of zoning if they are a Brocade agent with the user and password information configured. A token is used to ensure that only one agent can configure zoning at a time. This error can occur when the zoning agent is unable to contact the switch and the token times out.

Administrator Response

Determine if fabric has zoning agent. Inband or Brocade agent are typically required.

Check status of fabric agent. If inactive, activate it

Check the status of the device server.

Restart the device server.

BTASD1933E: Zoning is already being configured on this Fabric. New zoning can not be done until agent is available again

Explanation

To avoid colliding zoning configurations, two agents can not zone the same fabric at the same time. This error occurs when two separate interfaces attempt to conduct zoning at the same time. The interfaces can be the Tivoli Storage Productivity Center GUI, the native switch UI or the Tivoli Storage Productivity Center CLI.

Administrator Response

Determine if another UI is attempting zoning. Wait for it to complete and try again.

Check the status of the device server.

Restart the device server.

BTASD1934E: Unable to delete the selected entities.**Explanation****Administrator Response**

Check status of fabric agent. If inactive, activate it

Check the status of the device server.

Restart the device server.

BTASD1935E: The delete failed because an agent is still installed on the selected computer or configured in Data Agent or Inband Fabric Agent list.**Explanation****Administrator Response**

Uninstall any Data Server or Device Server agents.

Check the status of the device server.

Restart the device server.

BTASD1936E: Unexpected server response message_status=*agent response*.**Explanation**

TPC has received an unexpected response from the Agent

Administrator Response

Run the Check function on the Agent. If the response is successful then retry command.

Otherwise check the TPC and Agent logs for Agent errors.

BTASD1937E: A zone name cannot contain the characters '.', '%', '*', or '!' in its name. Brocade zone names also cannot contain '\$' nor '-'. The first character for a zone name must be alphanumeric. Enter a new name for this zone.**Explanation**

One or more of the characters in the zone name string is not allowed by the Capabilities for the switch type you are trying to do zone configuration for.

Administrator Response

Remove the characters from the zone name that are not allowed for the switch type you are trying to configure.

BTASD1938E: A zone set name cannot contain the characters '.', ',', '%', '*' or '!' in its name. Brocade zone set names also cannot contain '\$' nor '-'. The first character for a zone set name must be alphanumeric. Enter a new name for this zone set.

Explanation

One or more of the characters in the zone set name string is not allowed for the switch type you are trying to do zone configuration for.

Administrator Response

Remove the characters from the zone set name that are not allowed for the switch type you are trying to configure.

BTASD1939E: Zoning is already being configured by *lock owner* on this Fabric since *lock time*. New zoning can not be done until agent is available again

Explanation

Another user has locked the fabric for zoning.

Administrator Response

Wait until the Fabric is available for zoning.

BTASD1940E: Zoning is already being configured by *lock owner* on this Fabric since *lock time*. New zoning can not be done until agent is available again. Do you wish to release the lock from user {0}?

Explanation

Another user has locked the fabric for zoning.

Administrator Response

Click YES to reset the lock on the Fabric and to continue.

BTASD1941E: The lock for the zone control operations has been reset. Do you wish to re-obtain the lock and continue zone operations?

Explanation

The lock on this fabric has been lost.

Administrator Response

Choose yes to re-obtain the lock for the Fabric and continue with the zoning operations. If the problem occurs frequently, contact IBM Support.

BTASD1942E: Zoning changes cannot be made at this time. Zoning for this fabric is currently locked by *lock owner* since *date*.

Explanation

Another user is making zone operations and has acquired a lock for this Fabric preventing any other users from making changes at the same time.

Administrator Response

Contact the user that has acquired the lock.

BTASD1943E: An alias with the same name already exists. Enter a new name for this alias.

Explanation

Fabrics can not have aliases with duplicate names. An alias with the name you entered already exists for this fabric.

Administrator Response

Enter a different name for this alias.

BTASD1944E: The Alias name field must be filled in to create an alias.

Explanation

The name field in the alias wizard is empty. Every alias must have a name to be created.

Administrator Response

Enter a name for this alias.

BTASD1945E: A alias name cannot contain the characters '.',',',',%',',*' or '!' in its name. Brocade alias names also cannot contain '\$' nor '-'. The first character for an alias name must be alphanumeric. Enter a new name for this alias.

Explanation

One or more of the characters in the alias name string is not allowed by the Capabilities for the switch type you are trying to do zone configuration for.

Administrator Response

Remove the characters from the alias name that are not allowed for the switch type you are trying to configure. See the switch documentation for details.

**BTASD1946E: An alias name cannot begin with a number.
Enter a new name for this alias.**

Explanation

Alias names cannot start with a number.

Administrator Response

Change the name to not start with a number.

BTASD1947E: An alias, zone and/or zone set in the same configuration can not have the same name. Enter a new name.

Explanation

The alias name entered matches the name for a zone or zone alias in this configuration. This fabric does not support that capability.

Administrator Response

Enter a unique name for the alias.

BTASD1948E: This alias does not contain any members. Add a member to this alias.

Explanation

This fabric does not support empty aliases. The alias must have members assigned to it.

Administrator Response

Select members to be added to the alias and move them to the selected list.

BTASD1949E: There are too many members selected. The maximum number of members allowed for this alias is *max members*. Member(s) must be removed before you can continue.

Explanation

Zone Aliases have a maximum number of members allowed. The current alias has reached that limitation.

Administrator Response

Remove members from the selected list until the number of members is equal to or less than the maximum number given in the error message.

BTASD1950E: The zone configuration has the maximum number of aliases allowed. The maximum number of aliases is *max aliases*. An existing alias must be deleted before a new one can be created.

Explanation

This zone configuration has a maximum number of aliases allowed and has reached that limitation.

Administrator Response

Remove aliases from the aliases table so there are less than the maximum number supplied in the error message.

BTASD1951E: Fabric *fabric name* has *zone count* zones with non-standard members: *zone names*. Zone and ZoneSet changes cannot be applied to zones with nonstandard members.

Explanation

This fabric has non-standard zones so Tivoli Storage Productivity Center can not perform zone configuration on this fabric.

Administrator Response

Remove the non-standard zones from the fabric before trying to manage its configuration with Tivoli Storage Productivity Center.

BTASD1952E: Zone set *zoneset name* is active or in activation or deactivation pending status. Deletion of the zone set is not supported for this fabric. After committing the deactivation, this zone set can be deleted in the next zone control session.

Explanation

This fabric does not support the deletion of the active zone set.

Administrator Response

Deactivate the zone set before you delete it.

BTASD1953E: Renaming of the active zone set is not supported for this fabric. Deactivate zone set *zoneset name* before attempting to rename it.

Explanation

This fabric does not support the renaming of the active zone set.

Administrator Response

Deactivate the zone set before attempting to rename it.

BTASD1954E: Zoning cannot be done because there is no connection to the CIMOM. Reason: *reason*

Explanation

Ensure that there is a proper connection to the CIMOM.

Administrator Response

Determine the root cause for the failing CIMOM connection. Verify that you entered the correct credentials, restart the CIMOM or pass through a firewall.

Check the CIMOM connection status.

Restart the CIMOM.

BTASD1955E: The Brocade API agent failed to establish a session on the switch.

Explanation

The Brocade API agent failed when trying to establish a session on the switch. The reason for this could be an incorrect switch software version.

Administrator Response

Instead of using an out-of-band agent, use an SMIS Agent.

BTASD2001W: Zoning has changed on this fabric since the configuration panel was opened. You may need to run the Fabric discovery/probe again to get the zone information within Total Productivity Center synchronized with the fabric. Do you still want to make zoning changes?

Explanation

The current zone information stored by Tivoli Storage Productivity Center is outdated.

Administrator Response

In order to synchronize Tivoli Storage Productivity Center data with the zoning information from the fabric, you may need to run a Fabric Discovery/Probe for the specific switch associated with the Fabric experiencing this issue.

BTASD2002W: This alias is not assigned to any zones. This could result in an error when the zone configuration is applied later. Do you want to continue?.

Explanation

The capabilities of this fabric does not support orphaned aliases. Therefore, creating an alias without a parent zone may result in errors if the zone configuration is applied with this zone still an orphan.

Administrator Response

It is recommended that you either add the alias to a zone in this alias wizard or add the alias to a zone using the add or edit zone functionalities.

BTASD2003W: No exclusive fabric-wide lock is available for fabric *fabric name*. Other users might be modifying the zoning configuration during your zoning operations.

Explanation

The capabilities of this fabric does not support a fabric-wide lock. Therefore, other clients can change the zoning configuration before this transaction is committed.

Administrator Response

Ensure that no other user is modifying the zoning configuration while you make changes to the zoning operation.

BTASD2004W: This Out Of Band Agent is already defined with the same parameters. Would you like to save it anyway?

Explanation

No additional information is available for this message.

BTASD2005W: The Advanced Brocade Discovery setting may result in Probe failures. It is highly recommended to remove the Advanced Brocade Discovery setting for this switch, and to ensure that a Brocade CIMOM is configured to manage this switch. Would you like to continue anyway?

Explanation

The Advanced Brocade Discovery setting may result in Probe failures. It is highly recommended to remove the Advanced Brocade Discovery setting for this switch, and to ensure that a Brocade CIMOM is configured to manage this switch.

Administrator Response

Instead of using an Advanced Brocade Discovery, use a SMIS Agent.

BTASD3001I: A probe job for fabric *fabric name* has been submitted. The inactive Zone Definition for this fabric will have the old Zone Definition until the probe job is complete. Wait a few minutes before working with Zone Definition for this fabric.

Explanation

Changing the zone set data source causes the fabric to be probed again using the newly active zone set data source. Therefore, users should not try to edit the zone configuration for this fabric until the probe is done so that they are working with the most up-to-date zone definition.

Administrator Response

Wait a few minutes before working with this fabric so the probe on this fabric can complete.

BTAVM

BTAVM0001I: The operation *Name of the operation* processed successfully.

Explanation

The operation on the Virtualization Manager completed successfully. No error condition encountered.

Administrator Response

No action required.

BTAVM0002I: The Web service call *Name of the operation* processed successfully.

Explanation

The Web service call from the Virtualization Manager completed successfully. No error condition encountered.

Administrator Response

No action required.

BTAVM0003I: Data source *Name of the datasource* successfully added.

Explanation

The data source has been added successfully.

Administrator Response

No action required.

BTAVM0004I: Data source *Name of the datasource* successfully deleted.

Explanation

The data source has been deleted successfully.

Administrator Response

No action required.

BTAVM0005I: Data source *Name of the datasource* successfully modified.

Explanation

The data source has been modified successfully.

Administrator Response

No action required.

BTAVM0006I: Discovery on data source *Name of the datasource* has started.

Explanation

The discovery on the data source collects the hypervisors managed by that data source.

Administrator Response

No action required.

BTAVM0007I: Discovery on data source *Name of the datasource* completed successfully.

Explanation

The discovery on the data source completed successfully.

Administrator Response

No action required.

BTAVM0008I: Probe of hypervisor *Name of the Hypervisor* has started.

Explanation

The probe collects configuration details of the hypervisor.

Administrator Response

No action required.

BTAVM0009I: Probe of hypervisor *Name of the Hypervisor* completed successfully.

Explanation

The probe of the hypervisor completed successfully.

Administrator Response

No action required.

BTAVM0010I: A connection test to data source *Name of the data source* has started.

Explanation

A connection test to the data source has started.

Administrator Response

No action required.

BTAVM0011I: The Connection test to data source *Name of the data source* completed successfully.

Explanation

Connectivity to the data source was validated successfully.

Administrator Response

No action required.

BTAVM0012I: Hypervisor *Name of the Hypervisor* discovered/rediscovered.

Explanation

The hypervisor has been discovered.

Administrator Response

No action required.

BTAVM0013I: Discovery: Hypervisor *Name of the hypervisor* will not be discovered as it is managed by another data source.

Explanation

The hypervisor is managed by another data source.

Administrator Response

No action is required.

BTAVM0014I: Discovery: Hypervisor *Name of the hypervisor* will not be discovered as it itself is registered as a data source.

Explanation

The hypervisor is registered directly as a data source.

Administrator Response

No action is required.

BTAVM0015I: Collection of the physical storage configuration for hypervisor *Name of the hypervisor* has started.

Explanation

The probe collects physical storage configuration details of the hypervisor.

Administrator Response

No action is required.

BTAVM0016I: Collection of the physical storage configuration for hypervisor *Name of the hypervisor* completed successfully.

Explanation

The probe of the hypervisors physical storage configuration completed successfully.

Administrator Response

No action is required.

BTAVM0017I: Collection of the logical storage configuration for hypervisor *Name of the hypervisor* has started.

Explanation

The probe collects logical storage configuration details of the hypervisor.

Administrator Response

No action is required.

BTAVM0018I: Collection of the logical storage configuration for hypervisor *Name of the hypervisor* completed successfully.

Explanation

The probe of the hypervisors logical storage configuration completed successfully.

Administrator Response

No action is required.

BTAVM0019I: Collection of the virtual machines configuration for hypervisor *Name of the hypervisor* has started.

Explanation

The probe collects virtual machines configuration details of the hypervisor.

Administrator Response

No action is required.

BTAVM0020I: Collection of the virtual machines configuration for hypervisor *Name of the hypervisor* completed successfully.

Explanation

The probe of the hypervisors virtual machines configuration completed successfully.

Administrator Response

No action is required.

BTAVM0021I: The probe of *name of the hypervisor* found number of physical disks **physical disks.**

Explanation

The probe collects the number of physical disks found in the hypervisors physical storage configuration.

Administrator Response

No action is required.

BTAVM0022I: The probe of *name of the hypervisor* found number of logical volumes **logical volumes.**

Explanation

The probe collects the number of logical volumes found in the hypervisors logical storage configuration.

Administrator Response

No action is required.

BTAVM0023I: The probe of *name of the hypervisor* found number of virtual machines **virtual machines.**

Explanation

The probe collects the number of virtual machines found in the hypervisors virtual machines configuration.

Administrator Response

No action is required.

BTAVM1301W: The probe of *name of the hypervisor* could collect partial information only for the disk with the device name *Device name of the disk*.

Explanation

The disk attributes number of heads, number of sectors and number of cylinders are not available.

Administrator Response

No action is required.

BTAVM1302W: Unsupported storage subsystem disk with device name *Device name of the disk*, vendor: *Vendor name*, model: *model name*, for hypervisor *hypervisor name*.

Explanation

The storage subsystem type is not supported. LUN definition data for this disk will not be available.

Administrator Response

Refer to the IBM Tivoli Storage Productivity Center Supported Product List.

BTAVM1503E: An internal error occurred: *Text describing the internal error*.

Explanation

An internal operating error occurred. Any exceptions are logged in the traceTPCDeviceServer.log file. This log file resides in the installation subdirectory device/log.

Administrator Response

Review the traceTPCDeviceServer.log file. If the problem persists, contact IBM Technical Support.

BTAVM2001E: The mandatory parameter *Name of the mandatory parameter which is missing* is missing.

Explanation

A mandatory parameter for a Virtualization Manager operation is missing.

Administrator Response

Contact IBM Technical Support.

BTAVM2002E: Invalid parameter *Name of the parameter which was invalid*.

Explanation

A parameter passed to the Virtualization Manager is invalid.

Administrator Response

Contact IBM Technical Support.

BTAVM2003E: A database error was encountered in the component *Name of the component where the database error occurred.*

Explanation

An error occurred while a component was performing an operation against the database.

Administrator Response

Contact IBM Technical Support.

BTAVM2004E: No database connection could be retrieved in component *Name of the component where connection retrieval failed.*

Explanation

The component was not able to retrieve a connection from the connection pool.

Administrator Response

Contact IBM Technical Support.

BTAVM2006E: The operation *Name of the operation that failed failed for the following reason: Reason of the failure.*

Explanation

The operation on the Virtualization Manager failed.

Administrator Response

Contact IBM Technical Support.

BTAVM2007E: The Web service call *Name of the operation failed for the following reason: Reason of the failure.*

Explanation

The Web service call from the Virtualization Manager has failed.

Administrator Response

Contact IBM Technical Support.

BTAVM2008E: The product *Name of the unsupported product is not supported.*

Explanation

This virtualization product is not supported by IBM Tivoli Storage Productivity Center.

Administrator Response

Use a supported virtualization product. Refer to the IBM Tivoli Storage Productivity Center Supported Product List.

BTAVM2010E: Invalid username or password.

Explanation

The login entered to access the data source is invalid.

Operator response

Enter the correct username and password.

BTAVM2011E: The operation *Name of the* timed out operation could not complete within the time limit of *Timeout threshold in milliseconds* milliseconds.

Explanation

For each service method invocation a timeout is defined. The timeout for this operation has been exceeded.

Administrator Response

Check the Hypervisor or increase the timeout value.

BTAVM2012E: An error occurred while trying to establish secure communication over SSL.

Explanation

The communication to the data source over SSL failed. There may be a configuration error.

Administrator Response

Make sure that the SSL certificate of the data source has been imported correctly to the local truststore. If the problem persists, contact IBM Technical Support.

BTAVM2013E: The addition of the data source *Name of the data source* failed.

Explanation

The data source may already exist. To modify an existing data source click on the details button.

Administrator Response

Make sure the data source name is not already used. If then the problem persists, contact IBM Technical Support.

BTAVM2013E: The addition of the data source *Name of the data source* failed.

Explanation

The data source may already exist. To modify an existing data source click on the details button.

Administrator Response

Make sure the data source name is not already used. If then the problem persists, contact IBM Technical Support.

BTAVM2014E: The deletion of data source *Name of the data source* failed.

Explanation

Failed to delete the data source from the database.

Administrator Response

Contact IBM Technical Support.

BTAVM2014W: This VMWare VI Data Source is already defined with the same parameters. Would you like to save it anyway?

Explanation

No additional information is available for this message.

BTAVM2015E: The modification of data source *Name of the data source* failed.

Explanation

Failed to modify the data source in the database. The data source was not modified.

Administrator Response

Contact IBM Technical Support.

BTAVM2016E: Discovery on data source *Name of the datasource* failed.

Explanation

The discovery on the data source failed.

Administrator Response

Check the trace logs to find the error reason. The log files reside in the installation subdirectory device/log. If possible correct the error and rerun the discovery on the data source. If the problem persists, contact IBM Technical Support.

BTAVM2017E: Probe of the hypervisor *Name of the Hypervisor* failed.

Explanation

The probe of the hypervisor failed.

Administrator Response

Check the trace logs to find the error reason. The log files reside in the installation subdirectory device/log. If possible correct the error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2018E: IBM Tivoli Storage Productivity Center can't connect to the data source *Name of the datasource*.

Explanation

A connection test to the data source failed.

Administrator Response

Check the trace logs to find the error reason. The log files reside in the installation subdirectory device/log. If possible correct the error and rerun the connection test to the data source. If the problem persists, contact IBM Technical Support.

BTAVM2201E: Probe: An error occurred during the collection of the physical storage configuration.

Explanation

The physical storage configuration of the hypervisor could not be collected.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2202E: Probe: An error occurred during the collection of the logical storage configuration.

Explanation

The logical storage configuration of the hypervisor could not be collected.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2204E: Probe: An error occurred during the collection of the virtual machine configuration.

Explanation

The virtual machines on the hypervisor could not be collected.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2206E: Discovery: the hypervisor *Name of the hypervisor* will not be discovered because its version is not supported.

Explanation

The IBM Tivoli Storage Productivity Center does not support the version. Refer to the IBM Tivoli Storage Productivity Center Supported Product List.

Administrator Response

Refer to the IBM Tivoli Storage Productivity Center Supported Product List and upgrade the Hypervisor code level to a supported level.

BTAVM2207E: Calculation of the summary data for the hypervisor *Name of the hypervisor* failed.

Explanation

The calculation of the summary information for the hypervisor did not succeed.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2208E: Unable to obtain the hypervisor version(s) from the datasource *Name of the datasource*.

Explanation

The discovery was not able to obtain the version of the hypervisors.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2209E: Unable to obtain information about other Virtual Centers managing the hypervisor(s) of datasource *Name of the datasource*.

Explanation

The discovery was not able to obtain information about other Virtual Centers which are managing the hypervisor(s).

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2210E: Error getting LUN definition data for the disk with the device name *Device name of the disk*, storage subsystem vendor: *Vendor name*, model: *model name*, for hypervisor *hypervisor name*.

Explanation

The LUN definition data will not be available.

Administrator Response

Check the configuration of your environment. Check the trace logs. The log files reside in the installation subdirectory device/log. If possible correct any error and rerun the probe of the hypervisor. If the problem persists, contact IBM Technical Support.

BTAVM2211E: Probe: Virtualization Manager failed to get the VMWare VI data source for the hypervisor *Name of the hypervisor* from the database.

Explanation

The VMWare VI data source managing the hypervisor may have been deleted.

Administrator Response

Add the VMWare VI data source, perform a VMWare VI data source discovery and recreate the probe.

BTAVM2212E: Probe: The hypervisor *Name of the hypervisor* is not available on the VMWare VI datasource *Name of the datasource*.

Explanation

The hypervisor may have been deleted or moved to another datasource.

Administrator Response

Add the VMWare VI datasource the hypervisor was moved to. Perform a VMWare VI data source discovery and recreate the probe.

BTAVM2213E: Data source *Name of the datasource* is disconnected from Virtual Center.

Explanation

A connection test to the data source failed.

Administrator Response

Connect data source in Virtual Center and run discovery again.

BTAVM2214E: The probe job encountered an NFS file system while probing ESX server {0}. Tivoli Storage Productivity Center currently does not support probes of ESX servers with NFS file systems. The probe job for this ESX server has been stopped. Probes of other ESX servers that are included in this probe job will continue.

Explanation

ESX servers with NFS file systems are not supported. Probes of other ESX servers that do not have NFS file systems will continue.

Administrator Response

If this is a repeating probe job, remove the ESX servers that have NFS file systems from the probe job to prevent this error from occurring again.

BTAVM2215W: Unsupported storage subsystem disk with device name *Device name of the disk*, vendor: *Vendor name*, model: *model name*, for hypervisor *hypervisor name* with hypervisor version less than 3.5.0.

Explanation

Hypervisors with version less than 3.5.0 do not offer the necessary support for getting LUN definition data for this storage subsystem type. LUN definition data for this disk will not be available.

Administrator Response

Refer to the IBM Tivoli Storage Productivity Center Supported Product List and upgrade the Hypervisors and Virtual Centers to the latest supported level.

BTAVM4001I: Connection test to VMware VI Data Source
VMware VI Data Source host name FAILED due to
VMWareConnectionStatus

Explanation

The connection test to the named VMware VI Data Source failed.

Administrator Response

Check the trace logs to find the error reason. The log files reside in the installation subdirectory device/log. If possible correct the error and rerun the connection test to the VMware VI Data Source. If the problem persists, contact IBM Technical Support.

BTAZC

BTAZC0001E: An error occurred while parsing the Zoning Configuration XML for SAN *SAN_name*.

Explanation

The Zone Control Agent failed to parse an XML stream which defines the current Zoning Configuration for the SAN.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support.

BTAZC0002E: Failed to create or update zone set *zone_set_name* on the GS3 SAN *SAN_name*.

Explanation

The Zone Control Agent was attempting to create or update a zone set on a fabric using GS3. The Zone Control Agent failed to create or update the zone set, with all of its corresponding zones and the zone's members.

Administrator Response

Get the GS3 nativelylog information and contact IBM customer support.

BTAZC0003E: Failed to delete zone set *zone_set_name* on the GS3 SAN *SAN_name*.

Explanation

The Zone Control Agent was attempting to delete a zone set on a fabric using GS3. The Zone Control Agent failed to delete the zone set, with all of its corresponding zones and the zone's members.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support.

BTAZC0004E: Unable to start transaction on the SAN *SAN_name*.

Explanation

The Zone Control Agent was attempting to establish a session with the fabric. A failure occurred during this process.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0005E: Unable to commit a transaction on the Brocade SAN *SAN_name*.

Explanation

The Zone Control Agent has sent one or more Zoning Configuration Command requests to the Brocade fabric. The Zone Control Agent was attempting to commit these requests to the Brocade fabric. A failure occurred during this attempt.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0006E: Failed to deactivate the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to deactivate the active zone set.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0007E: Failed to activate the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to activate a specific zone set.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0008E: Failed to delete the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to delete a specific zone set.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0009E: Failed to delete the zone alias *zone_alias_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to delete a specific zone alias.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0010E: Failed to create the zone alias *zone_alias_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to create a specific zone alias.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0011E: Failed to delete the zone *zone_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to delete a specific zone .

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0012E: Failed to create the zone *zone_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to create a specific zone .

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0013E: Failed to create the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to create a specific zone set.

Administrator Response

Get the Brocade nativelylog, Brocade CIM agent logs, and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0014E: Failed to deactivate the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent was unable to deactivate the active zone set.

Administrator Response

Get the GS3 nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0015E: Failed to add the zone *zone_name* to the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The Zone Control Agent failed to add a zone to a zoneset.

Administrator Response

Get the GS3 nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0016E: One or more nonstandard zone members present in current zoning configuration for SAN *SAN_name*. Due to that, the Zone Control Agent will not attempt to modify the zoning configuration for the SAN.

Explanation

The Zone Control Agent will not attempt to modify zone configuration on SAN due to presence of one or more non standard zone members.

Administrator Response

Replace the non-standard zone members with equivalent standard zone members using the switch management application. Get the GS3 nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0017E: Start transaction for Zone Control failed.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0018E: Rollback error.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0019E: An error occurred while releasing a resource.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0020E: An error occurred while creating a zone set.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0021E: An error occurred while creating a zone.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0022E: An error occurred while creating an alias.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0023E: An error occurred while creating a member.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0024E: An error occurred while adding a zone to a zone set.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0025E: An error occurred while adding a member to a zone.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0026E: An error occurred while adding an alias to a zone.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0027E: An error occurred while adding a member to an alias.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0028E: An error occurred while removing a zone from zone set.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0029E: An error occurred while removing an alias from a zone.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0030E: An error occurred while removing a member from a zone.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0031E: An error occurred while removing a member from an alias.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0032E: An error occurred while deleting a zone member **Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0033E: An error occurred while deleting a zone. **Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0034E: An error occurred while deleting a zone set. **Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0035E: An error occurred while deleting an alias. **Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0036E: An error occurred while activating a zone set. **Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0037E: An error occurred while deactivating a zone set.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0038E: An error occurred while pinging the Zoning Agent.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0039E: An error occurred during transaction commit action.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0040E: An error occurred while closing a session.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0041E: An error occurred while saving the zone information.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0042E: An error occurred during the Get Capabilities command

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0043E: An error occurred sending the zone control command array.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0044E: An error occurred while sending commands to Switch.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0045E: An error occurred: n unsupported zone database.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0046E: A native error occurred: invalid field length.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0047E: A native error occurred: invalid number of members.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0048E: A native error occurred: invalid arguments.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0049E: A native error occurred: null fabric handle.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0050E: An unknown error occurred during Zone control.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0051E: An XML parse error occurred during Zone Control operations.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0052E: Unable to create logical zone definition.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0053E: An error occurred during Zone Control: library not opened.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0054E: Non standard members in the current zone definition.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0055E: A native error occurred: function not supported.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0056E: An error occurred: not connected to the SAN.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0057E: A native error occurred: invalid buffer index.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0058E: A native error occurred during an HBA API call.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0059E: A native error occurred: no memory available.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0060E: A native error occurred: error loading the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0061E: A Brocade native error occurred: unable to obtain a specific object.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0062E: A Brocade native error occurred: reboot failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0063E: A Brocade native error occurred: switch or blade is disabled.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0064E: A Brocade native error occurred: port is offline.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0065E: A Brocade native error occurred: port daemon is absent.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0066E: Burn-in test running against the port.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0067E: Port test already running on the port.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0068E: A Brocade native error occurred: no port test running.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0069E: A Brocade native error occurred: invalid Fabric List.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0070E: A Brocade native error occurred: invalid parameter**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0071E: A Brocade native error occurred: connection failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0072E: Brocade native error: invalid Fabric.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0073E: Brocade native error: invalid Switch.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0074E: Brocade native error: invalid port.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0075E: Brocade native error: invalid Port Statistics Object Identifier.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0076E: Brocade native error: invalid port errors.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0077E: Brocade native error: invalid platform.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0078E: Brocade native error: invalid node.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0079E: Brocade native error: no Fabric available.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0080E: Brocade native error: invalid object.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0081E: Brocade native error: invalid login.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0082E: Brocade native error: bad object.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0083E: Brocade native error: bad route.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0084E: Brocade native error: invalid domain.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0085E: Brocade native error: bad object type.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0086E: Cannot find the object or invalid input for an Object Identifier or session used.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0087E: Brocade native error: invalid port module.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0088E: A Brocade native error occurred: invalid device.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0089E: Brocade native error: invalid zone alias.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0090E: Brocade native error: invalid zone member.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0091E: Brocade native error: invalid Zone.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0092E: Brocade native error: invalid zone set.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0093E: Brocade native error: invalid FullZoneDB Object Identifier.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0094E: Brocade native error: Invalid ZoningCapabilities Object Identifier.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0095E: Brocade native error: invalid active Zone.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0096E: Brocade native error: invalid IP.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0097E: Brocade native error: duplicate name.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0098E: Brocade native error: invalid argument.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0099E: Brocade native error: invalid attribute.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0100E: Brocade native error: invalid value.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0101E: Brocade native error: functionality not supported on the switch.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0102E: Invalid active Fabric Management Policy Set.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0103E: Invalid Device Connection Control.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0104E: No available Fabric Management Policy Set.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0105E: Brocade native error: no transaction.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0106E: No Fabric Management Policy Set capabilities.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0107E: A Brocade firmware upload failed.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0108E: Brocade native error: firmware download failure.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0109E: Brocade native error: no event sever.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0110E: Brocade native error: invalid product.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0111E: Brocade native error: invalid license.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0112E: Brocade native error: invalid switch group object.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0113E: Brocade native error: invalid SGroup name.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0114E: Brocade native error: license required.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0115E: Brocade native error: configuration not downloadable.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0116E: Brocade native error: invalid software enclosure.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0117E: Brocade native error: begin transaction failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0118E: Brocade native error: end transaction.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0119E: Brocade native error: cancel transaction.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0120E: Brocade native error: commit transaction failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0121E: Brocade native error: access error.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0122E: Brocade native error: no current configuration.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0123E: Brocade native error: event server error.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0124E: Brocade native error: the proxy switch is not the primary switch.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0125E: Brocade native error: activate failed.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0126E: Brocade native error: get policy failed.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0127E: A Brocade native encryption error occurred.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0128E: Brocade native error: switch certification error.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0129E: Brocade native error: security command failed.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0130E: Brocade native error: Security database is busy.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0131E: Brocade native error: transaction in progress.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0132E: Brocade native error: insecure login mode.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0133E: Brocade native error: the zone member is already used.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0134E: Brocade native error: Zone is active.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0135E: Brocade native error: zone set is active.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0136E: Brocade native error: invalid member type.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0137E: Brocade native error: invalid switch port target.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0138E: Brocade native error: version not supported.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0139E: Brocade native error: validation failed.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0140E: Brocade native error: active zone database is read only.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0141E: Brocade native error: can only delete members of the full zone database.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0142E: Can only modify zone objects from full zone database.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0143E: Brocade native error: invalid undefined zoning object.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0144E: Brocade native error: deactivate failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0145E: Brocade native error: bad target.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0146E: Brocade native error: invalid target type.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0147E: Brocade native error: invalid zone member modifier.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0148E: Brocade native error during data load.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0149E: Brocade native error: members exceed limit.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0150E: Brocade native error: Fabric is busy and cannot act on the command. Retry when the fabric has stabilized.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0151E: Brocade native error: switch allocation failure.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0152E: Brocade native error: database save failed**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0153E: Brocade native error: no session.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0154E: Brocade native error: HTTP failure.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0155E: Brocade native error: incorrect XML syntax.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0156E: Brocade native error: session already opened.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0157E: Brocade native error: Fabric identity was not found during the last discovery.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0158E: Brocade native error: attempted to access a device segmented from the fabric.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0159E: Attempted to access a device segmented from the fabric. Retry action.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0160E: Brocade native error: Fabric cannot be synchronized.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0161E: Brocade native error: trace not initialized.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0162E: Brocade native error: API not initialized.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0163E: Brocade native error: API initialized.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0164E: Brocade native error: configuration download failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0165E: Brocade native error: invalid argument encountered.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0166E: Brocade native error: invalid class, area or combination.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0167E: Brocade native error: invalid index.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0168E: Brocade native error: invalid level.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0169E: Brocade native error: invalid event type.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0170E: Brocade native error: invalid alarm.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0171E: Brocade native error: the session can not be synchronized.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0172E: Brocade native error: invalid low boundary set.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0173E: Brocade native error: invalid high boundary set.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0174E: Brocade native error: invalid time base.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0175E: Brocade native error: invalid unit string.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0176E: Brocade native error: invalid status.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0177E: Brocade native error: invalid behavior type.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0178E: Brocade native error: invalid object ID.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0179E: Brocade native error: entry present.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0180E: Brocade native error: entry not present.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0181E: Brocade native error: session not found.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0182E: Brocade native error: not transaction owner.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0183E: Brocade native error: the zoning database could not be cleared.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0184E: Brocade native error: invalid NPort.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0185E: Brocade native error: name exceeds limit.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0186E: Brocade native error: invalid target.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0187E: Brocade native error: Fabric change unstable.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0188E: Brocade native error: logger already started.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0189E: Brocade native error: event init failure.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0190E: Brocade native error: trace failure.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0191E: Brocade native error: invalid sessions open.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0192E: Brocade native error: update single member only.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0193E: Brocade native error: API shutting down.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0194E: The host IP is not in the security policy.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0195E: Brocade native error: switch process dead.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0196E: Brocade native error: Fabric WWN changed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0197E: Brocade native error: Zone database is full.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0198E: Brocade native error: check objects failed.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0199E: Brocade native error: invalid session.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0200E: Brocade native error: Address Resolution Protocol is not available.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0201E: Brocade native error: insufficient privilege.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0202E: Brocade native error: parameters crossing multiple sessions.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0203E: Brocade native error: reconnect transmission aborted.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0204E: Brocade native error: log file not accessible.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0205E: Brocade native error: no semaphore.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0206E: Brocade native error: Zone database size not available in interop mode.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0207E: Brocade native error while initializing the API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0208E: Brocade native error: invalid firmware.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0209E: Brocade native error: the request cannot be processed because the zone daemon is too busy.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0210E: Brocade native error: high availability disabled.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0211E: Brocade native error: A session was established with a switch but no Inter Switch Link objects can be created.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0212E: The current session is synchronized with the fabric but the proxy switch is not the primary switch and the fabric is in secure SAN mode.

Explanation

A Brocade native exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0213E: The fabric signature was obtained, but the switches are out of sync.

Explanation

A Brocade native exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0214E: Brocade native error: generic error.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0215E: A Brocade native error occurred: platform not available.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0216E: Brocade native error: no platform name.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0217E: Brocade native error: no platform node name.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0218E: Brocade native error: platform name already exists.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0219E: Brocade native error: node name already exists.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0220E: Brocade native error: platform database conflict occurred.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0221E: Brocade native error: reserved function

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0222E: Brocade native error: platform service is disabled.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0223E: Invalid FabricOpCode used.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0224E: Invalid MatrixOpCode used.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0225E: A Brocade native error occurred: invalid initiator.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0226E: A Brocade native error occurred: invalid target used.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0227E: The input MatrixMap is not valid.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0228E: Advanced Performance Monitoring matrix fabric-wide operation failed.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0229E: Advanced Performance Monitoring matrix name server operation failed.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0230E: A Brocade native error occurred: QuickLoop port.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0231E: A Brocade native error occurred: L Port.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0232E: A Brocade native error occurred: G Port

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0233E: Multicast loopback exists on this port

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0234E: A Brocade native error occurred: enabled multicast.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0235E: Need to enable the long distance fabric configuration.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0236E: The time is not settable due to external synchronization.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0237E: Invalid input parameter when retrieving an Extended Link Service.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0238E: Encountered a timeout during an Extended Link Service response.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0239E: The system is not ready to support Extended Link Service functionality.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0240E: The end of the Extended Link Service database entry has been reached.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0241E: No change to the Extended Link Service database.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0242E: Secure banner does not exist on the switch.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0243E: Failed setting the secure banner.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0244E: Invalid input parameters used for a security function.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0245E: Security function request denied.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0246E: Security policy not enabled on the switch.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0247E: Error posting data to secure daemon queue.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0248E: Security database is too large.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0249E: Error getting or setting the password.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0250E: Security policy has not been enabled.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0251E: The switch is not the primary switch.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0252E: A generic Address Resolution Protocol error occurred.**Explanation**

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0253E: Too many Address Resolution Protocol clients for the API.**Explanation**

A Brocade native error during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0254E: Address Resolution Protocol listener error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0255E: Address Resolution Protocol socket bind error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0256E: Address Resolution Protocol error with server setup occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0257E: Address Resolution Protocol socket read error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0258E: Address Resolution Protocol encode error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0259E: Address Resolution Protocol decode error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0260E: Timeout with Address Resolution Protocol request.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0261E: Bad Address Resolution Protocol parameter used.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0262E: Address Resolution Protocol out of memory error occurred.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0263E: Address Resolution Protocol format error.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0264E: Address Resolution Protocol data compression error.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0265E: Address Resolution Protocol decompression error.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0266E: Address Resolution Protocol busy error

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0267E: Address Resolution Protocol busy error.

Explanation

A Brocade native error occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0268E: Address Resolution Protocol variable decode error occurred.

Explanation

A Brocade native occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0269E: Native error occurred for Brocade fabric on a Linux platform.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0270E: An error occurred during an HBA API call.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0271E: An error occurred during an HBA API call: not supported.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0272E: An error occurred during an HBA API call: invalid handle.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0273E: Bad argument with the HBA API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0274E: An error occurred during an HBA API call: illegal WWN.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0275E: An error occurred during an HBA API call: illegal index.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0276E: Larger buffer required with the HBA API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0277E: Information has changed since the last call to HBA_RefreshInformation.

Explanation

An HBA API exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0278E: SCSI check condition reported with the HBA API.

Explanation

An HBA API exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0279E: HBA error: adapter may be busy or reserved. Retry may be effective.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0280E: HBA API request timed out. Retry may be effective.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0281E: Referenced HBA has been removed or deactivated.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0282E: Extended Link Service reject with the HBA API.**Explanation**

An HBA API exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0283E: An error occurred during an HBA API call: invalid LUN.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0284E: An error occurred during an HBA API call: incompatible.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0285E: Ambiguous WWN with HBA API call.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0286E: Local bus error with the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0287E: Local target error with the HBA API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0288E: Local LUN error with the HBA API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0289E: HBA API error: local SCSI bound.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0290E: HBA API error on FCID target.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0291E: Target node WWN error with the HBA API.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0292E: Target port WWN error with the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0293E: Target LUN error with the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0294: Target LUN ID error with the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0295E: An HBA API error occurred: no such binding.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0296E: An HBA API error occurred: not a target.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0297E: Unsupported FC4 with HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0298E: Incapable error with the HBA API.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0299E: An HBA API error occurred: target busy.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0300E: A native Brocade error occurred: password out of boundary.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0301E: An error occurred during a zoning command.**Explanation**

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0302E: An error occurred during zone control operation.

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0303E: CIM native error: Not Supported

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0304E: CIM native error: Unspecified Error

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0305E: CIM native error: Time Out

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0306E: CIM native error: Failed

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0307E: CIM native error: Invalid Parameter

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0308E: CIM native error: Access Denied

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0309E: CIM native error: Not Found

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0310E: CIM native error: Already Exist

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0311E: CIM native error: Insufficient Resources

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0312E: CIM native error: Empty Object Invalid

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0313E: CIM native error: No Transaction

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0314E: CIM native error: Transaction already on

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0315E: CIM native error: Cannot Commit Empty Objects

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0316E: CIM native error: Zone Database Full

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0317E: CIM native error: Too Many Members

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0318E: CIM native error: Fabric is busy

Explanation

An exception occurred during zone control operation.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC0319E: Failed to create the zone *zone_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to create a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0320E: Failed to create the zone alias *zone_alias_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to create a specific zone alias.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0321E: Failed to create the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to create a specific zone set.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0322E: Failed to delete the zone *zone_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to delete a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0323E: Failed to delete the zone alias *zone_alias_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to delete a specific zone alias.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0324E: Failed to delete the zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to delete a specific zone set.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0325E: Failed to delete the zone member *zone_member_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to delete a specific zone member.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0326E: Failed to add the zone *zone_name* to zone set *zone_set_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to add a zone to a specific zone set.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0327E: Failed to add the zone member
zone_member_name to zone zone_name on SAN SAN_name.

Explanation

The SMIS Zone Control Agent was unable to add a zone member to a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0328E: Failed to add the zone member
zone_member_name to zone alias zone_alias_name on SAN SAN_name.

Explanation

The SMIS Zone Control Agent was unable to add a zone member to a specific zone alias.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0329E: Failed to add the zone alias *zone_alias_name to zone zone_name on SAN SAN_name.*

Explanation

The SMIS Zone Control Agent was unable to add a zone alias to a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0330E: Failed to remove the zone *zone_name from zone set zone_set_name on SAN SAN_name.*

Explanation

The SMIS Zone Control Agent was unable to remove a zone from a specific zone set.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0331E: Failed to remove the zone member
zone_member_name from zone *zone_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to remove a zone member from a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0332E: Failed to remove the zone member
zone_member_name from zone alias *zone_alias_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to remove a zone member from a specific zone alias.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0333E: Failed to remove the zone alias *zone_alias_name*
from zone *zone_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to remove a zone alias from a specific zone.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0334E: Failed to create the zone member
zone_member_name on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to create a zone member.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0335E: Failed to activate Zone Set *zone_set_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to activate a specific zone set.

Administrator Response

This problem may occur for McDATA fabrics where a Zone Set is empty and an attempt was made to activate this empty Zone Set. Check if the Zone Set is empty. If it is not empty, get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0336E: Failed to deactivate Zone Set *zone_set_name* on SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable deactivate a specific zone set.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0337E: Failed to enumerate the CIM entity AdminDomain for SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to establish the session with the SAN.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0338E: Failed to start a Transaction for SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to start a transaction for the SAN.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0339E: Failed to commit a Transaction for SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to commit a transaction to the SAN.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0340E: Failed to close the Session for SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to close the session for the SAN.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0341E: Failed to rollback a Transaction for SAN *SAN_name*.

Explanation

The SMIS Zone Control Agent was unable to rollback a transaction for the SAN.

Administrator Response

Get the CIM nativelylog information and the Zone Control service trace information from the trace log and then contact IBM customer support.

BTAZC0342E: This command is not supported for the Fabric Agent.

Explanation

The Zone Control Agent does not support this command.

Administrator Response

Get the Zone Control service trace information from the trace log and contact IBM customer support

BTAZC5000I: Started Zone Control layer.

Explanation

The Zone Control layer has been started.

BTAZC5001I: reserve: SAN=*SAN_name*, Agent=*agent_name*, Client=*client_name*, Token=*token_ID*.

Explanation

The Zone Control reserve API is used to reserve access of the zone control commands for a particular SAN.

**BTAZC5002I: startTransaction: SAN=SAN_name,
Client=client_name, Token=token_ID, result=return_code.**

Explanation

The Zone Control startTransaction API is used to begin a zone control transaction on the specified SAN.

**BTAZC5003I: commitTransaction: SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control commitTransaction API is used to apply zone control changes for this transaction on the specified SAN.

**BTAZC5004I: rollbackTransaction: SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control rollbackTransaction API is used to remove zone control changes for this transaction that were started on the specified SAN.

**BTAZC5005I: setZoneInfo: SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control setZoneInfo API is used to apply zone control changes for this transaction on the specified SAN.

**BTAZC5006I: sendCommandArray: SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control sendCommandArray API is used to make zone configuration changes on the specified SAN.

**BTAZC5007I: release: SAN=SAN_name, Client=client_name,
Token=token_ID. result=return_code.**

Explanation

The Zone Control release API is used to release access of the zone control commands for a particular SAN.

**BTAZC5008I: createZoneSet: zoneSetName=zone_set_name,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.**

Explanation

The Zone Control createZoneSet API is used to create a zone set with the specified name.

**BTAZC5009I: createZone: zoneName=zone_name,
zoneType=zone_type, zoneSubType=zone_subtype,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.**

Explanation

The Zone Control createZone API is used to create a zone with the specified name, type, and subtype.

**BTAZC5010I: createZoneAlias:
zoneAliasName=zone_alias_name, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control createZoneAlias API is used to create a zone alias with the specified name.

**BTAZC5011I: createZoneMemberSettingData:
zoneMemberID=zone_member_id,
zoneMemberType=zone_member_type, targetType=target_type,
targetName=target_name, SAN=SAN_name, Client=client_name,
Token=token_ID. result=return_code.**

Explanation

The Zone Control createZoneMemberSettingData API is used to create a zone member with the specified name and type, and add it to the specified zone or zone alias.

**BTAZC5012I: addZoneToZoneSet:
zoneSetName=zone_set_name, zoneName=zone_name,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.**

Explanation

The Zone Control addZoneToZoneSet API is used to add the zone to the specified zone set.

**BTAZC5013I: addZoneMemberToZone: zoneName=zone_name,
zoneMemberID=zone_member_id,
zoneMemberType=zone_member_type, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.**

Explanation

The Zone Control addZoneMemberToZone API is used to add the zone member to the specified zone.

BTAZC5014I: addZoneAliasToZone: zoneName=zone_name, zoneAliasName=zone_alias_name, SAN=SAN_name, Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control addZoneAliasToZone API is used to add the zone alias to the specified zone.

BTAZC5015I: addZoneMemberToZoneAlias: zoneAliasName=zone_alias_name, zoneMemberID=zone_member_id, zoneMemberType=zone_member_type, SAN=SAN_name, Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control addZoneMemberToZoneAlias API is used to add the zone member to the specified zone alias.

BTAZC5016I: removeZoneFromZoneSet: zoneSetName=zone_set_name, zoneName=zone_name, SAN=SAN_name, Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control removeZoneFromZoneSet API is used to remove the zone from the specified zone set.

BTAZC5017I: removeZoneAliasFromZone: zoneName=zone_name, zoneAliasName=zone_alias_name, SAN=SAN_name, Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control removeZoneAliasFromZone API is used to remove the zone alias from the specified zone.

BTAZC5018I: removeZoneMemberFromZone: zoneName=zone_name, zoneMemberID=zone_member_id, zoneMemberType=zone_member_type, SAN=SAN_name, Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control removeZoneMemberFromZone API is used to remove the zone member from the specified zone.

BTAZC5019I: removeZoneMemberFromZoneAlias:
zoneAliasName=zone_alias_name,
zoneMemberID=zone_member_id,
zoneMemberType=zone_member_type, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control removeZoneMemberFromZoneAlias API is used to remove the zone member from the specified zone alias.

BTAZC5020I: deleteZoneMember:
zoneMemberID=zone_member_id,
zoneMemberType=zone_member_type, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control deleteZoneMember API is used to delete the specified zone member.

BTAZC5021I: deleteZone: zoneName=zone_name,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.

Explanation

The Zone Control deleteZone API is used to delete the specified zone.

BTAZC5022I: deleteZoneSet: zoneSetName=zone_set_name,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.

Explanation

The Zone Control deleteZoneSet API is used to delete the specified zone set.

BTAZC5023I: deleteZoneAlias:
zoneAliasName=zone_alias_name, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control deleteZoneAlias API is used to delete the specified zone alias.

BTAZC5024I: activateZoneSet: zoneSetName=zone_set_name,
SAN=SAN_name, Client=client_name, Token=token_ID.
result=return_code.

Explanation

The Zone Control activateZoneSet API is used to make the specified zone set the currently active zone set.

BTAZC5025I: deactivateZoneSet:
zoneSetName=zone_set_name, SAN=SAN_name,
Client=client_name, Token=token_ID. result=return_code.

Explanation

The Zone Control deactivateZoneSet API is used to deactivate the specified active zone set.

BTAZC5026I: ping: SAN=SAN_name, Agent=agent_name,
Explanation

The Zone Control ping API is used to find an agent to send zone control commands to for the specified SAN, and to gather zone capabilities information about the SAN.

BTAZC5027I: readCurrentZoneDefinition: SAN=SAN_name,
Client=client_name, Token=token_ID result=return_code.

Explanation

The Zone Control readCurrentZoneDefinitio API is used to gather the current zone information directly from the SAN.

BTC

BTC0006I: Tivoli Common Agent successfully stopped.
Explanation

The IBM Tivoli Common Agent has successfully stopped. No further action is necessary.

BTC0007I: Started Tivoli Common Agent MBeanServer
Explanation

No additional information is available for this message.

BTC0008I: Tivoli Common Agent is ready for autonomic on demand e-business.
Explanation

The IBM Tivoli Common Agent has started and is running.

BTC1003I: The Security Service successfully started and deployed.
Explanation

The Agent Security Service successfully started and deployed.

BTC1004I: Registration service successfully stopped and undeployed.

Explanation

The Agent Security Service successfully stopped and undeployed.

BTC1005I: REG: Attempting to register (obtain credentials) with agent manager *manager name*.

Explanation

The service is attempting to register with the specified agent manager.

BTC1006I: REG: Attempting to unregister with agent manager *manager name*.

Explanation

The service is attempting to unregister with the specified agent manager.

BTC1007E: Failed to access the necessary properties to perform registration. Verify registration properties are found in the endpoint.properties file.

Explanation

The Agent Registration Service was unable to register the Common Agent because the necessary properties could not be accessed. This might be due to a corrupt or missing endpoint.properties file.

System action

If the Common Agent cannot register, it will not be able to communicate with the Agent Manager. The product subagent will not be able to provide data to its resource manager.

Administrator Response

Check the endpoint.properties file to make sure that it is not corrupt and that the properties it contains are correct for your enterprise. Correct the information in the properties file as needed, then stop and restart the Common Agent on that machine.

BTC1008W: Failed to access important registration parameter. Default value will be used: *value*.

Explanation

The Agent Registration Service was unable to access an important registration parameter. This might be due to a corrupt or missing endpoint.properties file.

System action

The Agent Registration Service will retry to access the properties file. If unsuccessful, the service will use the specified default value for this parameter.

Administrator Response

Check the endpoint.properties file to see if it is corrupt or missing. If the properties file looks correct, stop and restart the Common Agent. If the error continues, contact IBM Customer Support.

BTC1009I: Registration parameter: *variable*

Explanation

This variable is used by the Agent Registration Service to register the Common Agent.

BTC1010E: Failed to Obtain certificate and key pair from the agent manager.

Explanation

The Agent Registration Service was unable to obtain the security certificate and key pair from the Agent Manager.

System action

The agent is unable to initialize security credentials. If this continues, the agent will send a notification to the recovery service.

Administrator Response

Administrators should diagnose problem by looking into Agent Manager logs. Security issues should be resolved as soon as possible.

BTC1011E: Failure dealing with key store. Unable to store certificate on local machine.

Explanation

The Agent Registration Service was unable to store the security certificate on the Common Agent machine. This might be caused by a network problem, or the machine might be offline.

System action

The agent will not be able to make secure network connections or be able to accept secure connections. Agent will send notification to the recovery service.

Administrator Response

Check that the machine is running and is reachable through the network.

BTC1012E: REG: Encryption algorithm not found. The JVM may not support *variable* or *variable*. Changing JVMs or JSSE providers might resolve this issue.

Explanation

The required encryption algorithm was not found. The encryption algorithm is necessary for proper security authentication.

System action

The Agent will not start, unless able to resolve this problem.

Administrator Response

Ensure you are using the JVM that is shipped with the Common Agent.

BTC1016I: REG: Successfully obtained key and certificate from the agent manager.

Explanation

The security certificate and key were successfully obtained from the agent manager. No user action is necessary.

BTC1017I: REG: Successfully stored key and certificate to the local file system.

Explanation

The security certificate and key were successfully stored on the local file system. No user action is necessary.

BTC1018I: REG: Regenerating agent security credentials.

Explanation

The system is creating a new set of security credentials for the Common Agent. No user action is necessary.

BTC1019I: REG: Agent needs to register for credentials. Credentials do not exist or they are not valid.

Explanation

When the agent first start up, this is expected, because there are no credentials. After successful registration, this message should go away.

System action

The agent will try to register to get credential.

BTC1020I: REG: Agent credentials expire soon: xxx. Agent needs to renew credentials.

Explanation

No additional information is available for this message.

BTC1021E: REG: Agent registration failed. Waiting *number* seconds before we attempt to register again.

Explanation

Agent was not able register. It will wait and try again.

BTC1022I: REG: Registration succeeded after *number* attempts.

Explanation

No additional information is available for this message.

BTC1023E: REG: Agent unable to register and obtain necessary security credentials. All possibilities have been exhausted at host *hostname*, port *number*. Sending error to recovery service.

Explanation

The agent will not work because it was unable to register. Products trying to use the agent will not work.

System action

Agent will not start.

Administrator Response

Look for other messages in the log that may be preventing registration. Inspect the Agent Registration Server Log. Resolve the problem with Agent Registration Server. Then start the Agent again.

BTC1024I: REG: Agent will now hesitate for *number* seconds before performing initial registration.

Explanation

No additional information is available for this message.

BTC1025I: REG: Agent is now attempting to register and obtain security credentials from Agent Registration Service *name* at port *number*.

Explanation

No additional information is available for this message.

BTC1026I: REG: Agent credentials are valid. The agent has determined that it does not need to register for security credentials at this time.

Explanation

No additional information is available for this message.

BTC1027E: REG: Agent failed to renew client credentials with Agent Registration Service *name* at port *number*.

Explanation

If existing credential are invalid, then this is fatal. If existing credentials are valid, then the Agent will still be able to run.

System action

Agent will fail if existing credentials were not valid.

Administrator Response

Certificates were not renewed. Check the Agent Registration Server logs to determine why renewal failed. Resolve the problem. Then either start the agent (if it has stopped), or reissue the certificate renewal request if the agent is still running.

BTC1028E: REG: Agent was unable to send a recovery request to the Agent Recovery Service.

Explanation

System action

The agent will continue to attempt to the connect to the recovery service. After a finite number of attempts, the agent will no longer attempt to connect to the Agent Recovery Service.

Administrator Response

Check the network to make sure that the recovery service is properly configured.

BTC1029E: REG: Failed to delete and reset the Certificate Revocation List.

Explanation

System action

The CRL was not reset properly. The system may be operating with a CRL that is out of date.

Administrator Response

Update the CRL. The CLI may be used by calling the renewCRL method of the security component.

BTC1030I: REG: Attempting to reset the Common Agent. This includes regenerating the Agent id information and registering with the Agent Manager.

Explanation

No additional information is available for this message.

BTC1031I: REG: Reset of agent completed successfully.

Explanation

No additional information is available for this message.

BTC1032E: REG: Failed to reset the agent.

Explanation

System action

The desired and new identity of the agent has not been completed. A re-registration has not been performed.

Administrator Response

Attempt to retry the action. Check with the agent to verify that it is still operational.

BTC1033I: REG: Attempting to renew the Certificate Revocation List.

Explanation

No additional information is available for this message.

BTC1034I: REG: Renewing the Certificate Revocation List completed successfully.

Explanation

No additional information is available for this message.

BTC1035I: REG: Agent is attempting to renew client credentials

Explanation

No additional information is available for this message.

BTC1036I: REG: Agent renewed client credentials successfully.

Explanation

No additional information is available for this message.

BTC1037I: Registered with the Agent Registration Service.

Explanation

No additional information is available for this message.

BTC1038I: Reregistered with the Agent Registration Service

Explanation

No additional information is available for this message.

BTC1039I: Renewed the credentials**Explanation**

No additional information is available for this message.

BTC1040I: Reset the agent ID and credentials**Explanation**

No additional information is available for this message.

BTC1041I: command to register the agent with the Agent Registration Service**Explanation**

No additional information is available for this message.

BTC1042I: command to renew the certificate revocation list**Explanation**

No additional information is available for this message.

BTC1043I: command to renew the certificate of the agent**Explanation**

No additional information is available for this message.

BTC1044I: command to reset the security credentials**Explanation**

No additional information is available for this message.

BTC1045E: The security service failed to obtain the Agent Description.**Explanation**

The registration is missing vital information. The registration may fail.

System action

The registration is missing vital information. The registration may fail.

Administrator Response

The agent_mgrclient bundle may not be deployed correctly within the agent framework. Try to reinstall the agent or contact IBM Customer Support.

BTC1046E: The agent failed to validate security credentials.**Explanation**

Either the credentials are not valid at this time or the id information in the credential is incorrect.

System action

Communication from the agent will fail.

Administrator Response

Update the agent with valid credentials.

BTC1047E: The agent failed to renew its security credentials. **Explanation**

The agent failed to renew its certificate with the Certificate Authority (CA) of the agent manager. This message appears if any one of the following conditions is met:

- The certificate renewal port of the agent manager could not be reached (either because it is not active, an error exists involving network configuration, or the service location information stored in the agent configuration file is incorrect).
- The agent does not trust the agent manager CA (the current certificate used by the agent manager CA does not exist in the agent truststore).
- The agent certificate is not valid (the operating system GUID or the installation location of the agent differ from what they were during initial registration), causing the client authentication required by certificate renewal to fail.
- The agent certificate is already expired, causing the client authentication required by certificate renewal to fail.
- The agent certificate is revoked, causing the client authentication required by certificate renewal to fail.

System action

The agent continues to run with its existing credentials. Attempting to contact the agent may result in failure, particularly if its credentials are, in any way, invalid (for example, either expired or revoked).

Administrator Response

Attempt to determine which one of the conditions described in the explanation or met. Check for exceptions and associated messages in the trace output file (traceAgent.log) to aid in making a determination.

If it appears that the agent was not able to contact the certificate renewal port of the agent manager, check that the agent manager is up and running, ensure that the location information stored in the agent configuration file is correct, verify that the agent manager can be reached from the agent (using the host name specified in the agent configuration file), and make another attempt to renew its certificate.

If it looks like the SSL handshake between the agent and agent manager failed (either the agent does not trust the agent manager or the agent credentials are invalid), attempt to resolve the situation by doing the following:

- Shutdown the agent.
- Backup the contents of, and clear, the cert directory.
- Place the agentTrust.jks file from the agent manager in the empty cert directory.

- Start the agent. Given the absence of the cert/agentKeys.jks file, it will attempt to re-register. Provided that the agent has the correct registration password, and that the agent manager allows duplicate registration, it should succeed and receive a new certificate.

If, after taking the steps described above, the agent does not have renewed / new credentials, contact IBM customer support.

BTC1048E: The agent failed to renew its certificate revocation list.

Explanation

The agent failed to renew its certificate revocation list (CRL) with the Certificate Authority (CA) of the agent manager. Either 1) the CRL port of the agent manager cannot be reached (either because the agent manager is not active, an error exists involving network configuration, or the service location information stored in the agent configuration file is incorrect), or 2) an error occurred on the agent manager while attempting to construct a new CRL.

System action

The agent continues to run with its existing CRL. The door is left open to various components (for example, resource managers), with revoked certificates successfully contacting and invoking operations on the agent.

Administrator Response

Attempt to determine if CRL renewal failed do to the agent not being able to reach the CRL port of the agent manager. Check for exceptions and associated messages in the trace output file (traceAgent.log) to aid in making a determination.

If it appears that the agent was not able to contact the CRL port of the agent manager, check that the agent manager is up and running, ensure that the location information stored in the agent configuration file is correct, verify that the agent manager can be reached from the agent (using the host name specified in the agent configuration file), and make another attempt to renew the its CRL.

If it looks like a problem occurred on the agent manager, check the agent manager log file for associated exceptions and error messages. If the problem persists, contact IBM Customer Support.

BTC1049E: The agent failed to reset its GUID and security credentials.

Explanation

The agent failed to reset its operating system GUID and register for a new certificate. This message appears if any one of the following conditions is met:

- An error occurred while trying to reset the operating system GUID.
- The registration port of the agent manager could not be reached (either because the agent manager is not active, an error exists involving network configuration, or the service location information stored in the agent configuration file is incorrect).
- The agent does not trust the agent manager CA (the current certificate used by the agent manager CA does not exist in the agent truststore).

- The agent attempted to re-register with the incorrect registration password.

System action

The agent continues to run with its existing credentials. Depending upon whether or not the operating system GUID was successfully set, those credentials may be invalid (that is, the identification information stored in the certificate may not match that of the agent and its underlying system). Invalid credentials will not block components (for example, resource managers) from successfully contacting the agent. However, the agent will be unable to invoke operations on the agent manager which require client authentication (for example, renewing certificates and sending status updates).

Administrator Response

Examine the trace output file (traceAgent.log), and attempt to determine which one of the conditions mentioned in the explanation led to the appearance of this message.

If it appears that the agent was not able to contact the registration port of the agent manager, check that the agent manager is up and running, ensure that the location information stored in the agent configuration file is correct, verify that the agent manager can be reached from the agent (using the host name specified in the agent configuration file), and make another registration attempt.

If it looks like the SSL handshake between the agent and agent manager failed due to the agent not trusting the agent manager, attempt to resolve the situation by doing the following:

- Shutdown the agent.
- Backup the contents of, and clear, the cert directory.
- Place the agentTrust.jks file from the agent manager in the empty cert directory.
- Start the agent. Given the absence of cert/agentKeys.jks, it will attempt to register. Provided that the agent has the correct registration password, it should succeed and receive a new certificate.

If the agent manager rejected the password supplied by the agent, update the Registration.Server.PW property in the agent configuration file, and make another registration attempt.

If either resetting the GUID failed, or the problem persists, contact IBM Customer Support.

BTC1050I: true

Explanation

No additional information is available for this message.

BTC1051I: false

Explanation

No additional information is available for this message.

BTC1052I: The agent successfully renewed its security credentials.

Explanation

No additional information is available for this message.

BTC1053I: The agent failed to renew its security credentials.

Explanation

No additional information is available for this message.

BTC1054I: The agent successfully renewed its certificate revocation list.

Explanation

No additional information is available for this message.

BTC1055I: The agent failed to renew its certificate revocation list.

Explanation

No additional information is available for this message.

BTC1056I: The agent successfully reset its GUID and security credentials.

Explanation

No additional information is available for this message.

BTC1057I: The agent failed to reset its GUID and security credentials.

Explanation

No additional information is available for this message.

BTC1058E: The agent registered with the agent manager, but the credentials are not valid because the agent and agent manager clocks are not synchronized.

Explanation

The validation dates for the certificate are set using the agent manager clock, but the clock on the agent has one of these problems:

- It is earlier than the Not Valid Before date in the certificate
- It is later than the Not Valid After, or expiration, date in the certificate

System action

Without valid credentials, the agent will not function correctly. Local CLI commands will not work. Resource managers with clocks that are synchronized

with the agent manager will be unable to contact the agent. Direct interaction with the agent manager might also fail.

Administrator Response

To correct this problem:

1. Verify that the clock on the agent manager server is correct. If necessary, update the clock and restart the agent manager.
2. Stop the agent.
3. Delete the agentKeys.jks file, if it exists, from the cert directory on the agent.
4. Change the clock on the computer where the agent is installed to match the clock on the agent manager server. Set the clocks to local time. Time zones are not important because the values are compared in coordinated universal time (UTC).
5. Start the agent.

The agent will re-register when it starts.

BTC2003I: CONF: Configurator service was successfully started and deployed.

Explanation

The configurator service was successfully started and deployed. No user action is necessary.

BTC2004I: CONF: Configurator service was successfully stopped and undeployed.

Explanation

The configurator service was successfully stopped and undeployed. No user action is necessary.

BTC2005I: CONF: Updating port to *port_number*. Listening port will change during the next startup of the Common Agent or after the connector is restarted.

Explanation

The request to update the listening port has been processed. The new port will be used at the next startup of the Common Agent or after the connector is restarted.

BTC2200I: CONT: Restarting the Common Agent.

Explanation

The Common Agent is restarting.

System action

The Common Agent is restarting.

BTC2201E: CONF: Problem reading Agent configuration properties. Verify that the *file_name* file exists in the Agent config directory.

Explanation

System action

The Common Agent will be unable to register or contact the Agent Manager.

Administrator Response

Please attempt to reinstall the agent or contact IBM Customer Support.

BTC2201I: CONT: Controller component successfully deployed and started.

Explanation

The Controller component was successfully deployed and started. No user action is necessary.

System action

The Controller component was successfully deployed and started.

BTC2202E: CONF: Unable to retrieve host name for this Common Agent.

Explanation

The agent failed to retrieve an object representing the IP address of its underlying system.

System action

The agent will continue to run without any knowledge of the IP address of its underlying system. If the IP configuration of its underlying system is incorrect, network communication involving the agent will not work.

Administrator Response

Verify that the IP configuration of the system on which the agent is installed is correct. If the problem persists, contact IBM Customer Support.

BTC2202I: CONT: Controller component successfully undeployed and stopped.

Explanation

The Controller component was successfully undeployed and stopped. No user action is necessary.

System action

The Controller component was successfully undeployed and stopped.

BTC2203E: CONF: Port number stored in endpoint.properties file is an inappropriate number format. Using default port: *port*
Explanation

System action

The port specified will not be used since its in an invalid format.

Administrator Response

Please make sure the port number is an integer in the endpoint.properties file.

BTC2204I: CONT: Controller is waiting a few seconds before shutting down the Common Agent.

Explanation

During shutdown of the Common Agent, the Controller pauses for several seconds in order to allow cleanup.

System action

The Common Agent will pause before continuing shutdown processing.

BTC2205E: CONF: Failed to obtain install date from endpoint.properties file.

Explanation

System action

The Common Agent will be installed but the Agent Manager will not be sent the install date.

Administrator Response

Please attempt to reinstall the agent then if the problem continues contact IBM Customer Support.

BTC2205I: CONT: Stopping the Common Agent.

Explanation

During shutdown of the Common Agent, the Controller pauses for several seconds in order to allow cleanup.

System action

The Common Agent is shutting down.

BTC2207E: CONF: Failed to retrieve certificate information from the file system.

Explanation

The agent either failed read its certificate information from the file system (either due to a disk error or the key store, cert/agentKeys.jks file not being locked with the password specified by the password stash file, etc/pwd), or create an empty key store in its absence.

System action

The agent attempted to read its certificate information from the file system for inclusion in a description object to be sent to the agent manager. The agent will continue to run. The field in the description object associated with its certificate will be empty.

Administrator Response

Contact IBM Customer Support.

BTC2209I: CONF: Initializing agent configuration.

Explanation

No additional information is available for this message.

BTC2210E: CONT: Shutdown worker failed to sleep while restarting the Common Agent. Negligible stack traces might have been thrown.

Explanation

Shutdown worker failed to sleep while restarting the Common Agent. Negligible stack traces might have been thrown.

Administrator Response

Verify that the Common Agent was successfully restarted.

BTC2300E: ID: Failed to obtain endpoint ID or system GUID.

Explanation

The GUID was not obtained. This could mean that the GUID is not installed on the local machine. The Agent invokes native code that attempts to obtain the GUID. The GUID is required for much of the agent function to run.

System action

There is no GUID; therefore, invoking clients may fail. The Agent Manager requires the GUID. Therefore, security management function may not work properly.

Administrator Response

Verify that the Tivoli GUID was successfully installed. If not, install it and restart the agent.

BTC2301I: ID: The system GUID, or endpoint id, identifies this agent as one with an OEM installation. Regenerating ID.

Explanation

During an OEM installation, a hard coded GUID is set so that a unique GUID will be manufactured at start time.

System action

The ID was X'FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF'. It will be regenerated to obtain a unique value.

BTC2401I: LOGM: LogMgr service successfully started and deployed.

Explanation

The Log Manager service successfully started and deployed. No user action is necessary.

BTC2402I: LOGM: LogMgr service successfully stopped and undeployed.

Explanation

The Log Manager service successfully stopped and undeployed. No user action is necessary.

BTC2403E: LOGM: Trouble saving logging property information to persistent storage.

Explanation

The logging property information could not be saved.

System action

The logging property information was not saved.

Administrator Response

Verify that there is sufficient free space on the file system where the Common Agent is installed, and that the appropriate write privileges are granted.

BTC2404I: command to set the locale to the language

Explanation

No additional information is available for this message.

BTC2405I: command to set the locale to the language and region

Explanation

No additional information is available for this message.

BTC2406I: command to get the locale language and/or region

Explanation

No additional information is available for this message.

BTC2407E: The JLogService could not be found.

Explanation

The JLog Service, required by the Log Manager Service to supply logging and tracing capability, could not be found.

System action

Administrator Response

Verify that all bundles started successfully.

BTC2408I: Successfully set Locale to *language*

Explanation

No additional information is available for this message.

BTC2409I: An invalid language was specified.

Explanation

No additional information is available for this message.

BTC2410I: An invalid region was specified.

Explanation

No additional information is available for this message.

BTC2411I: Successfully set Locale to *language* and *region*

Explanation

No additional information is available for this message.

BTC2412I: Locale not set. The default locale is *language region*

Explanation

No additional information is available for this message.

BTC3001E: DEP: Failure creating file: *filename*.**Explanation**

The system was unable to create the specified file in SMF storage.

System action

The bundle could not be created, therefore installation or update has failed.

Administrator Response

Verify that there is sufficient disk space, and that the user has the appropriate authority to write to the file system.

BTC3002E: DEP: File not found: *filename*.**Explanation**

The system was unable to find the specified file in SMF storage.

System action

The bundle name specified was not found on the file system.

Administrator Response

Verify that the bundle location was specified correctly and that the user has the appropriate authority to read the file.

BTC3003E: DEP: Bundle to install not found: *bundlename*.**Explanation**

The system could not find the specified bundle to install. The bundle might be missing or corrupt.

System action

The bundle was not installed.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file.

BTC3004E: DEP: Update target file not found: *bundlename*.**Explanation**

The specified update file was not found in SMF storage. The file might be missing or corrupt, or the target bundle might be specified incorrectly.

System action

The bundle was not updated.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file.

BTC3005E: DEP: Update source file not found: *bundle*name. **Explanation**

The source file for the update operation was not found. The file might be missing, inaccessible, or corrupt.

System action

The bundle was not updated.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file.

BTC3006E: DEP: Bundle to start not found: *bundle*name. **Explanation**

The specified bundle was not found in SMF storage. The bundle might be missing, inaccessible, corrupt, or it might not contain the necessary components.

System action

The bundle was not started.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file. If necessary, reinstall the bundle.

BTC3007E: DEP: Bundle to stop not found: *bundle*name. **Explanation**

The specified bundle was not found in SMF storage. The bundle might be missing, inaccessible, corrupt, or it might not be running.

System action

The bundle was not stopped.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file. If necessary, reinstall the bundle.

BTC3008E: Bundle to uninstall not found: *bundle*name.**Explanation**

The specified bundle was not found in SMF storage. The bundle might be missing, inaccessible, corrupt, or it might not be installed.

System action

The specified bundle was not uninstalled.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file.

BTC3009E: DEP: Bundle to delete not found: *bundle*name.**Explanation**

The specified bundle was not found in SMF storage. The bundle might be missing, inaccessible, corrupt, or it might not be installed.

System action

The specified bundle was not deleted.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, and the user account has the appropriate authority to read the file.

BTC3010E: DEP: Failure installing bundle: *bundle*name.**Explanation**

There was a failure installing the bundle. Verify that the bundle location is accessible, the bundle is not corrupt, and the bundle manifest is valid.

System action

The bundle was not installed.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, the bundle is not corrupt, and the bundle manifest is valid.

BTC3011E: DEP: Failure updating bundle: *bundle*name.**Explanation**

There was a failure updating the bundle. Verify that the bundle location is accessible, the bundle is not corrupt, and the bundle manifest is valid.

System action

The bundle was not updated.

Administrator Response

Verify that the specified bundle exists at the given location, the location is accessible, the bundle is not corrupt, and the bundle manifest is valid.

BTC3012E: DEP: Failure starting bundle: *bundle*name.

Explanation

There was a failure starting the bundle. Verify that the bundle is not corrupt, and the bundle manifest is valid. The logic in the BundleActivator might not have returned successfully.

System action

The bundle was not started.

Administrator Response

Verify that the bundle is installed, is not corrupt, and the bundle manifest is valid. If necessary, install a new version of the bundle.

BTC3013E: DEP: Failure stopping bundle: *bundle*name.

Explanation

There was a failure stopping the bundle. Verify that the bundle is running.

System action

The bundle was not stopped.

Administrator Response

Verify that the bundle is running and is not corrupt.

BTC3014E: DEP: Failure uninstalling SMF bundle: *bundle*name.

Explanation

There was a failure uninstalling the bundle. Verify that the bundle is installed.

System action

The bundle was not uninstalled.

Administrator Response

Verify that the bundle is installed.

BTC3015E: DEP: Failure deleting SMF bundle: *bundle*name.

Explanation

The specified bundle cannot be deleted. The bundle might not exist or may be in use.

System action

The bundle was not deleted.

Administrator Response

Verify that the bundle exists and is not in use. If necessary, stop the endpoint and delete it manually.

**BTC3100I: DEP: Bundle successfully installed from storage:
bundlename.****Explanation**

The specified bundle was successfully installed from storage. No user action is necessary.

System action

The bundle was successfully installed.

BTC3101I: DEP: Bundle successfully updated.**Explanation**

The bundle was successfully updated. No user action is necessary.

System action

The bundle was successfully updated.

BTC3102I: DEP: Bundle successfully started.**Explanation**

The bundle was successfully started. No user action is necessary.

System action

The bundle was successfully started.

BTC3103I: DEP: Bundle successfully stopped.**Explanation**

The bundle was successfully stopped. No user action is necessary.

System action

The bundle was successfully stopped.

BTC3104I: DEP: Bundle successfully uninstalled.**Explanation**

The bundle was successfully uninstalled. No user action is necessary.

System action

The bundle was successfully uninstalled.

BTC3105I: DEP: Bundle already installed in SMF storage: *bundle*name.

Explanation

The specified bundle is already installed. If you want to replace this bundle you must first uninstall it, then install the bundle again, or try updating it.

System action

The bundle was not installed.

Administrator Response

Verify that the specified bundle is the one you intended to install. If you want to replace this bundle you must first uninstall it, then install the bundle again, or try updating it.

BTC3106I: DEP: Retrieving LifecycleActivator from bundle: *bundle*name.

Explanation

A lifecycle activator was found in the bundle and retrieved.

System action

A lifecycle activator was found in the bundle and retrieved.

BTC3107I: DEP: Invoked preUpdate in LifecycleActivator for bundle: *bundle*name.

Explanation

PreUpdate logic defined in the LifecycleActivator was invoked.

System action

PreUpdate logic defined in the LifecycleActivator was invoked.

BTC3108I: DEP: Invoked postUpdate in LifecycleActivator for bundle: *bundle*name.

Explanation

PostUpdate logic defined in the LifecycleActivator was invoked.

System action

PostUpdate logic defined in the LifecycleActivator was invoked

BTC3109I: DEP: Invoked preUninstall in LifecycleActivator for bundle: *bundleName*.

Explanation

PreUninstall logic defined in the LifecycleActivator was invoked.

System action

PreUninstall logic defined in the LifecycleActivator was invoked.

BTC3110I: DEP: Invoked postInstall in LifecycleActivator for bundle: *bundleName*.

Explanation

PostInstall logic defined in the LifecycleActivator was invoked.

System action

PostInstall logic defined in the LifecycleActivator was invoked.

BTC3111E: DEP: Trouble reading or writing the config/endpoint.properties file. Please verify that this file, *bundleName*, is on the file system.

Explanation

The config/endpoint.properties could not be written.

System action

The config/endpoint.properties could not be written. Updates will not take affect.

Administrator Response

Verify that the file exists and that the user account has the appropriate read/write permission.

BTC3112E: DEP: Trouble handling the subagent count variable in endpoint.properties. Make sure it is stored in the correct numerical format.

Explanation

The subagent count variable in the config/endpoint.properties file could not be interpreted.

System action

The number of subagents installed on the system might be misrepresented.

Administrator Response

Verify that the config/endpoint.properties file exists and that the user account has the appropriate read/write permission. Check that the subagent count variable is present in the file.

BTC3113I: CONT: Deployer component successfully deployed and started.

Explanation

The Deployer was successfully deployed and started.

System action

The Deployer was successfully deployed and started.

BTC3114I: CONT: Deployer component successfully undeployed and stopped.

Explanation

The Deployer was successfully undeployed and stopped.

System action

The Deployer was successfully undeployed and stopped.

BTC3115E: DEP: The post install failed.

Explanation

PostInstall logic specified in the bundle LifecycleActivator failed.

System action

The PostInstall logic was not completed successfully. The bundle may not be installed correctly.

Administrator Response

If you experience problems with the bundle, try uninstalling and reinstalling the bundle.

BTC3116E: DEP: The post update of the bundle failed: *bundle name*.

Explanation

PostUpdate logic specified in the bundle LifecycleActivator failed.

System action

The PostUpdate logic was not completed successfully. The bundle may not be updated correctly.

Administrator Response

If you experience problems with the bundle, try uninstalling and reinstalling the bundle.

BTC3117E: DEP: The pre update of the bundle failed: *bundle name*.

Explanation

PreUpdate logic specified in the bundle LifecycleActivator failed.

System action

The PreUpdate logic was not completed successfully. The bundle may not be updated correctly.

Administrator Response

If you experience problems with the bundle, try uninstalling and reinstalling the bundle.

BTC3118I: command to install a bundle from the specified URL

Explanation

No additional information is available for this message.

BTC3119I: command to update the specified bundle

Explanation

No additional information is available for this message.

BTC3120I: command to uninstall the specified bundle

Explanation

No additional information is available for this message.

BTC3121I: command to refresh bundle dependencies and attempt garbage collection

Explanation

No additional information is available for this message.

BTC3122I: command to start the specified bundle

Explanation

No additional information is available for this message.

BTC3123I: command to stop the specified bundle

Explanation

No additional information is available for this message.

BTC3124I: command to list all installed bundles

Explanation

No additional information is available for this message.

BTC3125I: command to list all installed bundles and their states

Explanation

No additional information is available for this message.

BTC3126I: command to list all registered services

Explanation

No additional information is available for this message.

BTC3127I: command to list services registered by specified bundle

Explanation

No additional information is available for this message.

BTC3128I: command to list services used by specified bundle

Explanation

No additional information is available for this message.

BTC3129I: command to get the base directory for subagents

Explanation

No additional information is available for this message.

BTC3130I: command to create a directory in the subagent base directory

Explanation

No additional information is available for this message.

BTC3131I: command to delete a directory from the subagent base directory

Explanation

No additional information is available for this message.

BTC3132I: command to copy the file from the URL to the directory in the subagent base directory

Explanation

No additional information is available for this message.

BTC3133I: command to delete the file from the directory in the subagent base directory

Explanation

No additional information is available for this message.

BTC3134I: command to get the base directory for the agent

Explanation

No additional information is available for this message.

BTC3135I: command to create a directory in the agent base directory

Explanation

No additional information is available for this message.

BTC3136I: command to delete a directory from the agent base directory

Explanation

No additional information is available for this message.

BTC3137I: command to copy the file from the URL to the directory in the agent base directory

Explanation

No additional information is available for this message.

BTC3138I: command to delete the file from the directory in the agent base directory

Explanation

No additional information is available for this message.

BTC3139I: Bundle location not specified

Explanation

No additional information is available for this message.

BTC3140I: Successfully installed bundle: *bundlename*
Explanation

No additional information is available for this message.

BTC3141I: Failed to install bundle *bundlename*: *cause*
Explanation

No additional information is available for this message.

BTC3142I: Successfully updated bundle: *bundlename*
Explanation

No additional information is available for this message.

BTC3143I: Failed to update bundle *bundlename*: *cause*
Explanation

No additional information is available for this message.

BTC3144I: Successfully uninstalled bundle: *bundlename*
Explanation

No additional information is available for this message.

BTC3145I: Failed to uninstall bundle *bundlename*: *cause*
Explanation

No additional information is available for this message.

BTC3146I: Successfully started bundle: *bundlename*
Explanation

System action

Administrator Response

BTC3147I: Failed to start bundle *bundlename*: *cause*
Explanation

No additional information is available for this message.

BTC3148I: Successfully stopped bundle: *bundlename*
Explanation

No additional information is available for this message.

BTC3149I: Failed to stop bundle *bundlename*: *cause*
Explanation

No additional information is available for this message.

BTC3150I: Failed to get the state of the bundle *bundle name:*
cause

Explanation

No additional information is available for this message.

BTC3151I: unknown list command

Explanation

No additional information is available for this message.

BTC3152I: failed to get list

Explanation

No additional information is available for this message.

BTC3153I: missing directory name

Explanation

No additional information is available for this message.

BTC3154I: Failed to create directory: *directory name*

Explanation

No additional information is available for this message.

BTC3155I: Failed to delete directory: *directory name*

Explanation

No additional information is available for this message.

BTC3156I: missing parameter

Explanation

No additional information is available for this message.

BTC3157I: Created directory: *directory name*

Explanation

No additional information is available for this message.

BTC3158I: Deleted directory: *directory name*

Explanation

No additional information is available for this message.

BTC3159I: Copied file: *file name*

Explanation

No additional information is available for this message.

BTC3160I: Failed to copy file: *file name*

Explanation

No additional information is available for this message.

BTC3161I: Deleted file: *file name*

Explanation

No additional information is available for this message.

BTC3162I: Failed to delete file: *file name*

Explanation

No additional information is available for this message.

BTC3163I: Unknown subagent command

Explanation

No additional information is available for this message.

BTC3164I: Unknown agent command

Explanation

No additional information is available for this message.

BTC3165I: Active

Explanation

No additional information is available for this message.

BTC3166I: Installed

Explanation

No additional information is available for this message.

BTC3167I: Resolved

Explanation

No additional information is available for this message.

BTC3168I: Starting

Explanation

No additional information is available for this message.

BTC3169I: Stopping

Explanation

No additional information is available for this message.

BTC3170I: Uninstalled**Explanation**

No additional information is available for this message.

BTC3171I: Unknown**Explanation**

No additional information is available for this message.

BTC3172W: The bundle cannot be found after update.**Explanation**

There was an error locating the newly updated bundle.

System action

The bundle may not function properly.

Administrator Response

Verify that the bundle exists in the specified bundle location, and that the bundle is valid.

**BTC3173E: Instance of the bundle to be started not found:
bundlename.****Explanation**

The instance of the specified bundle to start was not found in SMF storage. The bundle might be missing or corrupt, or it might not contain the necessary components.

System action

The bundle was not started.

Administrator Response

Verify that the bundle is in SMF storage and that it has all the necessary components. If necessary, update the bundle in SMF storage.

BTC3174E: The Deployer Service failed to save the install status.**Explanation**

The Deployer Service encountered a problem while saving its properties to the local file system. There might be a problem with the file system.

System action

The Common Agent was unable to record the status of the bundle, which might affect future processing of the bundle.

Administrator Response

Verify that the local file system has sufficient space and that the Common Agent has the appropriate write privileges.

BTC3175I: command to get the state of the specified bundle **Explanation**

No additional information is available for this message.

BTC4003I: CONN: The Connector service successfully started and deployed. **Explanation**

The Connector service successfully started and deployed. No user action is necessary.

BTC4004I: CONN: The Connector service successfully stopped and undeployed. **Explanation**

The Connector service successfully stopped and undeployed. No user action is necessary.

BTC4007I: CONN: Caching the service tracker for the following interface: *interface name*. **Explanation**

The Common Agent is caching the service tracker for the specified interface. No user action is necessary.

BTC4008I: CONN: Reducing the service tracker cache. **Explanation**

The Common Agent is reducing the size of the cache used for the service tracker. No user action is necessary.

BTC4009E: CONN: Unable to list the OSGi services properly. **Explanation**

The Connector is unable to list the OSGi services. This might be caused by a problem obtaining information from the SMF container.

System action

This might cause a problem obtaining information from the SMF container.

Administrator Response

Please attempt to reinstall the agent then if the problem continues contact IBM Customer Support.

BTC4012E: CONN: Unable to set SSL properties; the keystore, truststore, alias and corresponding password should be set in the endpoint.properties file.

Explanation

No additional information is available for this message.

BTC4013I: To list services accessible via the CLI:

Explanation

No additional information is available for this message.

BTC4014I: To get help for a service:

Explanation

No additional information is available for this message.

BTC4015I: To invoke commands on a CLI service:

Explanation

No additional information is available for this message.

BTC4016I: To get help:

Explanation

No additional information is available for this message.

BTC4017I: ERROR:

Explanation

No additional information is available for this message.

BTC4018I: Service *servicename* either does not exist or does not provide CLI access.

Explanation

No additional information is available for this message.

BTC4019I: Commands available:

Explanation

No additional information is available for this message.

BTC4020I: command to list services accessible via the CLI

Explanation

No additional information is available for this message.

BTC4021I: No services are accessible via the CLI.

Explanation

No additional information is available for this message.

BTC4022I: Connector is alive.

Explanation

No additional information is available for this message.

BTC4023I: command to check if the connector service is alive

Explanation

No additional information is available for this message.

BTC4024I: Stopping Agent

Explanation

No additional information is available for this message.

BTC4025I: Restarting Agent

Explanation

No additional information is available for this message.

BTC4026I: command to stop the agent

Explanation

No additional information is available for this message.

BTC4027I: command to restart the agent

Explanation

No additional information is available for this message.

BTC4028I: unknown parameter

Explanation

No additional information is available for this message.

BTC4029I: command to get the ID of the machine the agent is running on

Explanation

No additional information is available for this message.

BTC4030I: command to get the ID of the agent

Explanation

No additional information is available for this message.

BTC4031I: command to regenerate the ID of the machine the agent is running on

Explanation

No additional information is available for this message.

BTC4032I: command to regenerate the ID of the agent

Explanation

No additional information is available for this message.

BTC4033I: The default port will be used.

Explanation

The connector could not get the configured port number, the default port will be used.

BTC4035E: Either the service *serviceName* or the method *methodName* was not found.

Explanation

The attempt to invoke the method failed because the service or method does not exist.

System action

The invocation to this service will fail. The agent cannot find this service in its runtime environment.

Administrator Response

Verify that the service name and method name are accurate.

BTC4036E: Source type *sType* is not valid.

Explanation

A invalid component attempted to connect to and invoke an operation on the agent. The agent rejected its request. This message indicates the component type listed in the certificate of the component that attempted to contact the agent.

System action

After rejecting the connection from the component with the specified type, the agent will return to listening for more incoming connections.

Administrator Response

Agent to Agent communication is not supported.

BTC4037E: Target type *tType* is not valid.

Explanation

The component type listed in the Agent certificate is incorrect. The certificate may have been replaced since the Agent registered.

System action

The Common Agent will refuse any incoming requests.

Administrator Response

Please contact IBM Customer Support.

BTC4041E: HTTP headers longer than maximum header length of *maxHeaderLength*.

Explanation

SOAP requests are sent to the agent via HTTP. The agent received a request in which the length of the HTTP header exceeds the specified maximum allowable value.

System action

The agent effectively ignores the invalid request, closing the socket on which it was received, and returning to listen for new incoming requests.

Administrator Response

Contact IBM Customer Support.

BTC4042E: CLI command failed. Agent configuration could not be retrieved from *filename*.

Explanation

This message is output to the console when CLI command invocation fails due to a problem loading agent configuration from the specified file.

System action

Given that the agent could not be contacted, it is not affected by the failure of the CLI command.

Administrator Response

Verify that the specified configuration file exists, and that it is populated with appropriate configuration information. If everything appears to be in working order, but the problem persists, contact IBM Customer Support.

BTC4043E: CLI command failed. A communication error occurred. Verify that the agent is registered and active on port *port_number*.

Explanation

This message is output to the console when CLI command invocation fails due to a communication problem with the agent. Either 1) the agent is not active, 2) the agent does not have valid security credentials, 3) an attempt was made to contact the agent on an incorrect port, or 4) the connection established with the agent was, for some reason, terminated.

System action

The agent, if it is running, will continue to run. It will continue to listen for incoming connections and CLI requests.

Administrator Response

Verify that the agent is both active and registered, and that the correct port was specified for CLI command invocation. If everything appears to be in working order, but the problem persists, contact IBM Customer Support.

BTC4044W: Agent port in configuration file is not an integer. Default port (*port_number*) will be used.

Explanation

The CLI attempts to determine the port on which to contact the agent by reading the contents of its configuration file. This warning is printed to console if the value associated with the port property in the agent's configuration file is not an integer.

System action

The CLI will attempt to contact the agent on the specified default agent port.

Administrator Response

Set the value associated with the ep.port property in the agent's configuration file to an integer matching the port on which the agent runs.

BTC4045E: Rejected connection attempt from *IP_address*.

Explanation

Another entity attempted to connect to the agent, but was rejected. This was most likely caused by one of the following:

- The agent does not have valid credentials (e.g., it failed to register, a time synchronization issue exists between the agent and agent manager, etc.).
- The entity that attempted to connect to the agent does not have either valid resource manager or agent manager credentials. Note: Agent to agent communication is not allowed.
- The entity that attempted to connect to the agent did not send the information required for connection establishment.
- An I/O error occurred.

System action

After rejecting the incoming connection, the agent returns to listening on the port specified in its configuration file.

Administrator Response

Verify that both the agent, and the entity attempting to contact the agent, have valid credentials. If the problem persists, contact IBM Customer Support.

BTC5000I: Monitor/Status service was successfully started and deployed.

Explanation

Monitor/Status service was successfully started and deployed. No user action is necessary.

BTC5001I: Monitor/Status service successfully stopped and undeployed.

Explanation

Monitor/Status service was successfully stopped and undeployed. No user action is necessary.

BTC5002I: Successfully registered subagent *subagent* as a status provider.

Explanation

The specified subagent was successfully registered as a status provider. The subagent can now begin providing status to the Common Agent. No user action is necessary.

BTC5006I: Starting status collection process (*processname*).

Explanation

The specified status collection process is starting. No user action is necessary.

BTC5007I: Ending status collection (*processname*).

Explanation

The specified status collection process is ending. No user action is necessary.

BTC5015I: A new subagent status report has been created for subagent *subagentname*.

Explanation

A new subagent status report was created for the specified subagent. No user action is necessary.

BTC5018I: Status report delivery for Host *hostname*, URI *URIname*, Port *portname* - SUCCESSFUL.

Explanation

The specified status report was successfully delivered. No user action is necessary.

BTC5019E: Status report delivery for Host *hostname*, URI *URIname*, Port *portname* - FAILED.

Explanation

The specified status report was not delivered.

System action

The Common Agent will continue to run but the Agent Manager won't know the status of the agent.

Administrator Response

The Agent Manager probably cannot be contacted for the Agent to send the status update. Check the network connectivity to the Agent Manager. Call IBM Customer Support if necessary.

BTC5020I: Last Common Agent attempted status report: *report*.

Explanation

The specified report was the last attempted status report for this Common Agent. No user action is necessary.

BTC5021I: Next scheduled Common Agent status report: *report*.

Explanation

The specified report is the next scheduled status report for this Common Agent. No user action is necessary.

BTC5022E: Error while trying to compile status.

Explanation

An error occurred while the agent was attempting to build a status report to send to the agent manager.

System action

The agent will continue to run. Given its unavailability, agent status information will not be sent to the agent manager. As a result, the agent manager will not know about the current state of the agent.

Administrator Response

Contact IBM Customer Support.

BTC5024E: Unable to obtain agent manager configuration. Unable to send update to agent manager. Will try again with the next update.

Explanation

The agent was unable to send update information to the manager, because the agent was unable to get information needed about the manager.

System action

The agent will continue to run. At the next scheduled time for sending update information to the agent manager, the agent will attempt to send status again.

Administrator Response

The agent manager configuration information should be checked to see if the values are set correctly.

BTC5025E: Unable to obtain client component for accessing the Agent Manager. Status cannot be sent at this time.

Explanation

The agent failed to obtain and initialize the client object used to send status updates to the agent manager.

System action

The agent will continue to run. However, agent status information will not be sent to the agent manager. As a result, the agent manager will not know about the current state of the agent.

Administrator Response

Contact IBM Customer Support.

BTC5026W: The Agent Manager sent back an ID reset exception. We will now ask the agent to reset and then attempt status again.

Explanation

The Agent Manager has asked the Agent to regenerate the ID, and then register again.

System action

The Agent will generate a new ID, then using that ID, register again.

Administrator Response

No action is required if this is happening at the first time the agent is being started up. This happens repeatedly, you should check the logs for other failures. Look for failures in the ID generation area.

BTC5027I: Status sent**Explanation**

No additional information is available for this message.

BTC5028I: Status report delivery for Host *hostname*, URI *URIname*, Port *portname* - NOT DELIVERED.**Explanation**

The specified status report was not delivered.

System action

The Common Agent will continue to run but the Agent Manager won't know the status of the agent.

Administrator Response

The Credentials on the Agent are not valid. Before status updates can be sent to the Agent Manager, the Agent will need to Register, or re-Register with the Agent Manager. Call IBM Customer Support if necessary.

BTC5040I: The bundle *bundleName* has successfully deployed and started.**Explanation**

No additional information is available for this message.

BTC5041I: The bundle *bundleName* has successfully undeployed and stopped.**Explanation**

No additional information is available for this message.

BTC5042I: command to upgrade an agent**Explanation**

No additional information is available for this message.

BTC5043I: command to upgrade an agent and its JRE**Explanation**

No additional information is available for this message.

BTC5044I: command to obtain the status of an agent upgrade**Explanation**

No additional information is available for this message.

BTC5045I: Agent upgrade succeeded.

Explanation

No additional information is available for this message.

BTC5046E: An error occurred during the agent upgrade. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

An unanticipated exception was caught while performing the agent upgrade.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Collect the agent log files and contact IBM customer support.

BTC5047E: The Upgrade bundle cannot retrieve the upgrade status from the logs/epInstallStatus.log file. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

An exception was caught while reading the epInstallStatus.log file, which contains the status of the upgrade. Possible exceptions include:

- FileNotFoundException - The file does not exist or cannot be opened for reading.
- IOException - An error occurred while reading from the file.
- NumberFormatException - The status value cannot be parsed as an integer.

Administrator Response

Make sure that the logs/epInstallStatus.log file exists. Open the file with a text editor to obtain the upgrade status.

BTC5048E: The Upgrade bundle cannot read the file CAUpgrade.properties from the agent manager using the URL *url*. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

An error occurred while reading the CAUpgrade.properties file from the agent manager using the URL *url*. Possible exceptions include:

- `MalformedURLException` - The URL *url* specifies an unknown protocol.
- `FileNotFoundException` - The file does not exist or cannot be opened for reading.
- `IOException` - An error occurred while reading from the file.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Perform these actions to correct the problem:

1. Make sure that the agent manager is running.
2. If the agent manager is version 1.1 or version 1.2 with fix pack 1 or earlier, make sure that the agent upgrade instructions on the IBM Support Web site have been followed. This configures the agent manager to upgrade agents.
3. Verify that the `CAUpgrade.properties` file is accessible by performing these tests:
 - On the agent manager server, open the `CAUpgrade.properties` file in the `$WAS_HOME/installedApps/$WAS_CELL/AgentManager.ear/AgentManager.war/calImages/Upgrade` directory.
 - Using a Web browser, access the URL *url*.
4. Start the upgrade again.
5. If the agent still cannot be upgraded, collect the agent logs and contact IBM Customer Support.

BTC5049E: The Upgrade bundle cannot retrieve the value for the key key from CAUpgrade.properties file.

Explanation

The `CAUpgrade.properties` file contains key/value pairs that provide platform-specific information needed to upgrade the agent. The value for the required key was not found in the file. This typically indicates a programming error or that the file was changed after it was created.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

If the agent manager is version 1.1 or version 1.2 with fix pack 1 or earlier:

1. Repeat the steps in the agent upgrade instructions on the IBM Support Web site to reconfigure the agent manager to upgrade agents.
2. Start the upgrade again.

If the upgrade still fails or if the agent manager is already at version 1.2 with fix pack 2 or greater, collect the agent log files and contact IBM customer support.

BTC5050E: The Upgrade bundle cannot create a response file to use with the installation program. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

An error occurred while creating the response file needed to drive the upgrade path of the agent installation. Possible exceptions include:

- IOException - The response file cannot be created or opened for writing, or an error occurred when writing into the file.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Look in the logs/upgradeAgentTrace.log file for information about the exception. The trace log contains information that helps determine the nature of the error.

Correct the problem, and then start the upgrade again.

BTC5051E: The Upgrade bundle cannot unpack the image at *location* into *data_directory*. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

An error occurred while unpacking the install or JRE image *image* into *data_directory*. Possible exceptions include:

- MalformedURLException - The URL *location* specifies an unknown protocol.
- ZipException - There was a problem with the zipped image file.
- IOException - An error occurred while reading from the zipped image file or while creating the unpacked version of a file on the local file system.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files to determine the nature of the error and take corrective action. Possible actions include:

- Make sure there is enough disk space on the agent machine to hold the uncompressed files.
- Make sure that the target directory, *data_directory*, is writeable.

After you correct the problem, start the upgrade again.

BTC5052E: The Upgrade bundle cannot copy the image from *location* to *relative_path/file_name*.

Explanation

Before the upgrade can occur, the Deployer Service copies the tar image file from *location* to the *file_name* file in the *relative_path* directory on the agent machine. This error indicates that the copy was not successful.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Perform these actions to correct the problem:

1. Make sure that the agent manager is running.
2. If the agent manager is version 1.1 or version 1.2 with fix pack 1 or earlier, make sure that the agent upgrade instructions on the IBM Support Web site have been followed. This configures the agent manager to upgrade agents.
3. Make sure that agent has enough disk space for the file.
4. Make sure that the agent has write permission to the *relative_path* target directory. This path is relative to the agent install directory.

After you correct the problem, start the upgrade again.

BTC5053E: The Upgrade bundle cannot look up the Deployer Service.

Explanation

The Deployer Service is used to copy the image to the agent. Because it was not found, the upgrade cannot continue.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Collect the agent logs and contact IBM customer support.

BTC5054E: The Upgrade bundle cannot create the URL for the agent manager's context root. The agent's configuration for the agent manager contains the agent manager host value of *AM_host* and the agent manager public port number *AM_public_port*. One or both of these values is incorrect.

Explanation

The Upgrade bundle constructs an HTTP URL in the form of `http://AM_host:AM_public_port/AgentMgr/...` to download the needed information from the agent manager. This error indicates that the URL cannot be created because one of the *AM_host* or *AM_public_port* values is null.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Verify that the endpoint.properties file has valid values for the AgentManagerQuery.host and ARS.port.public keys.

If the key values are correct, collect the agent logs and configuration files and contact IBM customer support.

BTC5055E: The Upgrade bundle cannot invoke the *system_command* system command. Look in the logs/upgradeAgentTrace.log and logs/upgradeAgentMessage.log files for information about the exception: *exception*

Explanation

A system command that is required for the upgrade failed with the *exception* exception.

System action

The upgrade of the agent stops and the version of the agent is unchanged.

Administrator Response

Collect the agent logs and contact IBM customer support.

BTC5057I: This error code indicates that a specific key was not found in the CAUpgrade.properties file. Look for the previously logged message BTC5049E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the key value that could not be found.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the specific key that was incorrect, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5058I: This error code indicates that the upgrade response file could not be created. The response file is used to drive the upgrade portion of the agent installation. Look for the previously logged message BTC5050E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the specific exception, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5059I: This error code indicates that a system command failed. Look for the previously logged message BTC5055E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the specific system command that failed, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5060I: This error code indicates that there was an error unpacking an image file. The image is either the common agent install image or the JRE image. Look for the previously logged message BTC5051E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the name of the file being unpacked and the specific exception that resulted, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5061I: This error code indicates that there was an error copying an image from the agent manager. The image is either the common agent install image or the JRE image. Look for the previously logged message BTC5052E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the name of the file being copied, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5062I: This error code indicates that the Deployer Service could not be located. This error is recorded in the previously logged message BTC5053E in the logs/upgradeAgentMessage.log file in the logs directory.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. Although you do not need to look for details about this error, you might chose to examine the original error message in the logs/upgradeAgentMessage.log file.

BTC5063I: This error code indicates that the CAUpgrade.properties file could not be loaded from the agent manager. Look for the previously logged message BTC5048E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the URL for the file being copied and the specific exception that was reported, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5064I: This error code indicates that the agent manager context root could not be created. Look for the previously logged message BTC5054E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as values in the agent manager's context

root, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5065I: This error code indicates that an unexpected error occurred during the agent upgrade. Look for the previously logged message BTC5046E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the specific exception, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5066I: There was a problem retrieving the upgrade status from the eplInstallStatus.log file. Look for the previously logged message BTC5047E in the logs/upgradeAgentMessage.log file in the logs directory for more information about the error that occurred.

Explanation

You are checking the status of the upgrade after it failed, recovered from the error, and restarted, so this command does not have access to the complete context of the error. To get the details of the error, such as the specific exception, you must look in the logs for the message that was recorded at the time the error occurred.

BTC5067I: The upgrade of the agent was started but did not finish. Look for the agent install log at logs/agentInstall.log for more information.

Explanation

No additional information is available for this message.

BTC5068I: The upgrade of the agent failed. Look for the agent install log at logs/agentInstall.log for more information.

Explanation

No additional information is available for this message.

BTC5069E: The upgrade status retrieved from the logs/eplInstallStatus.log file contained the following unrecognized value: *unrecognized_status*

Explanation

The value for the upgrade status was not one of the defined values.

Administrator Response

Collect the agent logs and configuration files and contact IBM customer support.

BTC5070E: Unable to retrieve host name.

Explanation

No additional information is available for this message.

BTC5071E: Can not connect to Agent Manager.

Explanation

No additional information is available for this message.

BTC5072I: The agent identified by guid: *GUID* does not exist in the database.

Explanation

No additional information is available for this message.

BTC5073E: The file: *file_name* can not be created at location: *location* .

Explanation

No additional information is available for this message.

BTC5074E: Can not connect to the remote machine. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5075E: There is not enough free space. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5076E: Can not set current directory to temp directory. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5077E: Can not run upgrade. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5078I: The output of upgrade: *message* .

Explanation

No additional information is available for this message.

BTC5079E: Can not copy upgrade directory to remote machine. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5080E: Can not open the session. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5081E: Can not close the session. The reason: *message* .

Explanation

No additional information is available for this message.

BTC5082I: Upgrade finished successfully.

Explanation

No additional information is available for this message.

BTC5083I: Upgrade failed.

Explanation

No additional information is available for this message.

BTC5084E: Can not change file attribute. The reason: *message*

.

Explanation

No additional information is available for this message.

**BTC5085E: Possible casue of the problem is:
PermitRootLogin set to no.**

Explanation

No additional information is available for this message.

BTC5086E: Could not register with Agent Manager.

Explanation

No additional information is available for this message.

BTC5087E: Could not find Agent in the remote location.

Explanation

No additional information is available for this message.

BTC5088I: Successfully connected to the remote machine.

Explanation

No additional information is available for this message.

BTC5089I: There is enough free space on the remote machine.

Explanation

No additional information is available for this message.

BTC5090I: Setting working dir: *dir_path* .

Explanation

No additional information is available for this message.

BTC5091I: Successfully copied the install image to the working dir on remote machine.

Explanation

No additional information is available for this message.

BTC5092E: Upgrade command returned error code: *number* .

Explanation

No additional information is available for this message.

BTM

BTM0001E: Unable to connect to CIMOM.

Explanation

Unable to connect to CIMOM.

Administrator Response

Verify CIMOM host name or IP address and port.

BTM0002E: CIM intrinsic method failure: *value*.

Explanation

The CIM intrinsic method failure is specified.

Administrator Response

Contact IBM customer technical support.

BTM0003E: Unable to disconnect from CIMOM.

Explanation

Unable to disconnect from CIMOM.

Administrator Response

Contact IBM customer technical support.

BTM0004E: Error getting Host Initiators connected to Target FCPort: *value*.

Explanation

Error getting Host Initiators connected to the specified target FCPort.

Administrator Response

Contact IBM customer technical support.

BTM0005E: Error getting Storage System's FCPorts: *value*.

Explanation

Error getting the specified storage system's FCPorts.

Administrator Response

Contact IBM customer technical support.

BTM0006E: Error encountered while attempting CIMOM discovery.

Explanation

Error encountered while attempting CIMOM discovery.

Administrator Response

Manually enter CIMOMs in the CIMOM Login Administration Panel or contact IBM customer technical support.

BTM0007E: *value* is not a supported protocol for WBEM.

Explanation

The specified protocol is not a supported protocol for WBEM.

Administrator Response

Use http or https.

BTM0008E: Error getting storage systems from CIMOM at *value*, port *value*.

Explanation

Error getting storage systems from CIMOM.

Administrator Response

Verify that the CIMOM is configured with one or more storage systems. If problem still exists, contact IBM customer technical support.

BTM0009E: Unable to get CIM_Product instance for this object: *name*.

Explanation

Unable to get CIM_Product instance for the specified object.

Administrator Response

Contact IBM customer technical support.

BTM0010E: Unsupported Profile.

Explanation

Unsupported Profile.

Administrator Response

Contact IBM customer technical support.

BTM0011E: Error getting Volumes for Storage System: *storage system*.

Explanation

Error getting the specified storage system's volumes.

Administrator Response

Contact IBM customer technical support.

BTM0012E: Error getting paths from Hosts to Volumes for Storage System: *name*.

Explanation

Error getting paths from Hosts to Volumes for the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0013E: Error getting detailed information for Storage System: *value*.

Explanation

Error getting detailed information for the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0014E: Unable to create CIMObjectPath from String: *name*.

Explanation

Unable to create CIMObjectPath from the specified string.

Administrator Response

Contact IBM customer technical support.

BTM0015E: Error getting Storage Pools for Storage System: *value*.

Explanation

Error getting storage system's specified storage pools.

Administrator Response

Contact IBM customer technical support.

BTM0016E: Logical subsystems is an IBM-only concept.

Explanation

Logical subsystems is an IBM-only concept.

Administrator Response

Contact IBM customer technical support.

BTM0017E: Error getting Storage System's logical subsystems: *value*.

Explanation

Error getting the storage system's specified logical subsystems.

Administrator Response

Contact IBM customer technical support.

BTM0018E: Error getting Storage System's Disk Groups: *value*.

Explanation

Error getting the specified storage system's disk groups.

Administrator Response

Contact IBM customer technical support.

BTM0019E: Error getting Storage Pools for this logical subsystem: *name*.

Explanation

Error getting storage pools for the specified logical subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0020E: Error getting Disks for this Storage Pool: *value*.

Explanation

Error getting Disks for the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0021E: Error getting Disks for this Disk Group: *value*.

Explanation

Error getting Disks for the specified disk group.

Administrator Response

Contact IBM customer technical support.

BTM0022E: Error getting Volumes for this Storage Pool: *value*.

Explanation

Error getting Volumes for the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0023E: Error enumerating namespaces.

Explanation

Error enumerating namespaces.

Administrator Response

Contact IBM customer technical support.

BTM0024E: Error getting a specific Storage Pool: *value*.

Explanation

Error getting the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0025E: Unable to connect to CIMOM, bad/missing truststore or incorrect truststore password for CIMOM at *value*.

Explanation

Unable to connect to CIMOM, bad/missing truststore or incorrect truststore password for CIMOM.

Administrator Response

Verify that the CIMOM's correct username, password and truststore are configured in the CIMOM Login Administration Panel. Verify that the CIMOM is configured with this username and password. If problem still exists, contact IBM customer technical support.

BTM0026E: Unable to connect to CIMOM, cannot find correct certificate in truststore for CIMOM at *value*.

Explanation

Unable to connect to CIMOM, cannot find correct certificate in truststore for CIMOM.

Administrator Response

Verify that the Certificate File configured for this CIMOM in the CIMOM Login Administration Panel is correct. The Certificate File for a CIMOM may be found on the CIMOM machine, and is named 'truststore' by default. If problem still exists, contact IBM customer technical support.

BTM0027E: Unable to connect to CIMOM. Username, password, and/or protocol may be invalid for CIMOM at *value*.

Explanation

Unable to connect to CIMOM. Username, password, and/or protocol may be invalid for CIMOM.

Administrator Response

Verify that the CIMOM's correct username, password and protocol are configured in the CIMOM Login Administration Panel. If problem still exists, contact IBM customer technical support.

BTM0028E: Unable to contact CIMOM at *value*. CIMOM may not be running.

Explanation

Unable to contact CIMOM. CIMOM may not be running.

Administrator Response

Check that CIMOM's machine is powered on and that the CIMOM is running. If problem still exists, contact IBM customer technical support.

BTM0029E: CIMService's hostname or IP is null.

Explanation

CIMService's hostname or IP is null.

Administrator Response

Check that all hostnames and IP addresses are valid in the CIMOM Login Administration Panel.

BTM0030E: CIMService's port is invalid or null.

Explanation

CIMService's port is invalid or null.

Administrator Response

Check that all ports are valid in the CIMOM Login Administration Panel. Typical port values are 5989 and 5988.

BTM0031E: CIMService's protocol is null.

Explanation

CIMService's protocol is null.

Administrator Response

Check that all protocols are valid in the CIMOM Login Administration Panel. Supported protocols are http and https.

BTM0032E: CIMAccessParameterSet's Certificate filename is invalid.

Explanation

CIMAccessParameterSet's Certificate filename is invalid.

Administrator Response

Check the Certificate Files listed in the CIMOM Login Administration Panel. CIMOMs that use the https protocol require a valid Certificate File from the CIMOM. CIMOMs that use the http protocol do not require a Certificate File.

BTM0033E: CIMAccessParameterSet's password is null.

Explanation

CIMAccessParameterSet's password is null.

Administrator Response

Check that all passwords are valid in the CIMOM Login Administration Panel.

BTM0034E: CIMAccessParameterSet's username is null.

Explanation

CIMAccessParameterSet's username is null.

Administrator Response

Contact IBM customer technical support.

BTM0035E: *string* must be a CIM ObjectPath String for a Storage System.

Explanation

The specified string must be a CIM ObjectPath String for a storage system.

Administrator Response

Contact IBM customer technical support.

BTM0036E: Invalid set of Volumes. Unable to get PathToLUNs.

Explanation

Invalid set of Volumes. Unable to get PathToLUNs.

Administrator Response

Contact IBM customer technical support.

BTM0037E: *string* must be a CIM ObjectPath String for a Storage Pool.

Explanation

The specified string must be a CIM ObjectPath String for a storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0038W: Unable to determine Vendor of Storage System:
name.

Explanation

Unable to determine the vendor of the specified storage system. The Storage System's Vendor might not be reported.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to the PhysicalPackage component of the CIM Provider.

BTM0039E: Unable to determine the RAID Level of Volume:
name.

Explanation

Unable to determine the RAID Level of the specified volume.

Administrator Response

Contact IBM customer technical support.

BTM0040W: Unable to get CIM_Product info for Storage System: *name.*

Explanation

Unable to get CIM_Product information for the specified storage system.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to the PhysicalPackage component of the CIM Provider.

BTM0041E: Unable to get CIM_Product info for Storage System. More than one Chassis associated to Storage System: *name.*

Explanation

Unable to get CIM_Product information for the specified storage system. More than one chassis associated to the storage system.

Administrator Response

Contact IBM customer technical support.

BTM0042W: Unable to get CIM_Product info for Storage System. No CIM_Product associated to Storage System's Chassis: *value*.

Explanation

Unable to get CIM_Product information for the specified storage system. No CIM_Product associated to storage system's Chassis.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to the PhysicalPackage component of the CIM Provider.

BTM0043W: More than one CIM_Product indirectly associated to Storage System: *value*.

Explanation

More than one CIM_Product is associated with the storage system's chassis. Inaccurate Model Number, Serial Number, or Firmware may be displayed for this storage system.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to the PhysicalPackage component of the CIM Provider.

BTM0044E: Unable to create Volume object: *name*.

Explanation

Unable to create the specified volume object.

Administrator Response

Contact IBM customer technical support.

BTM0045E: Unable to get Host Initiators that can access this volume: *value*.

Explanation

Unable to get Host Initiators that can access the specified volume.

Administrator Response

Contact IBM customer technical support.

BTM0046E: Host's permission value not recognized: *value*.

Explanation

The host's permission value is not recognized.

Administrator Response

Contact IBM customer technical support.

BTM0047E: Unable to get Disks for this Storage System: *name*.

Explanation

Unable to get Disks for the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0048E: More than one Disk Group exists for this Disk: *value*.

Explanation

More than one disk group exists for the specified disk.

Administrator Response

Contact IBM customer technical support.

BTM0049E: No Disk Group associated to this Disk: *value*.

Explanation

No disk group associated to the specified disk.

Administrator Response

Contact IBM customer technical support.

BTM0050E: Unable to get Disk Group for Disk: *value*.

Explanation

Unable to get a disk group for the specified disk.

Administrator Response

Contact IBM customer technical support.

BTM0051E: This Volume is a component of more than one Storage System: *value*.

Explanation

The specified volume is a component of more than one storage system.

Administrator Response

Contact IBM customer technical support.

BTM0052E: This Volume is not part of a Storage System: *name*.

Explanation

The specified volume is not part of a storage system.

Administrator Response

Contact IBM customer technical support.

BTM0053E: Unable to get Volume: *value*.

Explanation

Unable to get the specified volume.

Administrator Response

Contact IBM customer technical support.

BTM0054E: Please verify that you are running a supported version of a Common Information Model Agent for the storage subsystem.

Explanation

Please contact the IBM Support Center.

Administrator Response

Contact IBM customer technical support.

BTM0055E: Unable to return systems associated with cluster: *cluster*.

Explanation

There are no system nodes associated with the managed cluster.

Administrator Response

Check the status of the nodes of the cluster using the SAN Volume Controller console. If the nodes are not connected to the cluster, connect the nodes. If the nodes are connected to the cluster, contact IBM customer support.

BTM0056E: Unable to return Vendor of Cluster: *cluster*.

Explanation

The vendor of the managed cluster cannot be returned.

Administrator Response

Check the status of the nodes of the cluster using the SAN Volume Controller console. If the nodes are not connected to the cluster, connect the nodes. If the nodes are connected to the cluster, contact IBM customer support.

BTM0057E: Error getting Cluster backend controllers: *controllers*.

Explanation

Failed to return the backend controllers of the cluster.

Administrator Response

Contact IBM customer support.

BTM0058E: *cluster* must be a CIM Object Path String for a Cluster.

Explanation

The string passed to return cluster information was not a valid CIM Object Path String.

Administrator Response

Contact IBM customer support.

BTM0059E: Backend Controllers not supported for vendor *vendor* on Cluster *cluster*.

Explanation

Unable to return Backend Controllers for the Cluster.

Administrator Response

Contact IBM customer support.

BTM0060E: Unable to get Backend Controllers for this Cluster: *cluster*.

Explanation

Unable to return Backend Controllers for the Cluster.

Administrator Response

Contact IBM customer support.

BTM0061E: Error getting Cluster managed disks: *cluster*.

Explanation

Unable to return managed disks for the Cluster.

Administrator Response

Contact IBM customer support.

BTM0062E: Unable to get Managed Disks for this Cluster: *cluster*.

Explanation

Unable to return managed disks for the Cluster.

Administrator Response

Contact IBM customer support.

BTM0063E: Unable to get Backend Controllers for Backend Volume *volume* on Cluster *cluster*.

Explanation

Unable to return backend controllers for the Cluster.

Administrator Response

Contact IBM customer support.

BTM0064E: Unable to create Managed Disk object: *disk*

Explanation

Unable to create managed disk object.

Administrator Response

Contact IBM customer support.

BTM0065E: Error getting Managed Disk Group Managed Disks: *group*

Explanation

Unable to return managed disks from a managed disk group.

Administrator Response

Contact IBM customer support.

BTM0066E: Backend Volumes not supported for vendor *vendor* on Cluster *cluster*.

Explanation

Unable to return backend volumes from a cluster.

Administrator Response

Contact IBM customer support.

BTM0067E: Unable to get Managed Disks for this Managed Disk Group: *group*.

Explanation

Unable to return managed disks from a managed disk group.

Administrator Response

Contact IBM customer support.

BTM0068E: No clusters associated with this Managed Disk Group: *group*.

Explanation

No clusters are associated with the managed disk group.

Administrator Response

Contact IBM customer support.

BTM0069E: Error getting Virtual Disk managed disks: *disk*.

Explanation

No virtual disks were returned for the specified managed disk.

Administrator Response

Contact IBM customer support.

BTM0070E: *volume* must be a CIM Object Path String for a volume.

Explanation

The passed in string is not a CIM object path string for a volume.

Administrator Response

Contact IBM customer support.

BTM0071E: Unable to get Managed Disks for this Virtual Disk: *volume*.

Explanation

Unable to return managed disks for the virtual disk.

Administrator Response

Contact IBM customer support.

**BTM0072E: No Clusters associated with this Virtual Disk:
*volume.***

Explanation

Unable to return clusters for the virtual disk.

Administrator Response

Contact IBM customer support.

**BTM0073E: Error getting Backend Controller managed disks:
*disk.***

Explanation

Unable to return backend controller for the managed disk.

Administrator Response

Contact IBM customer support.

**BTM0074E: *controller* must be a CIM Object Path String for a
SCSI Controller.**

Explanation

The passed in string is not a valid CIM Object Path String for SCSI Controller.

Administrator Response

Contact IBM customer support.

**BTM0075E: Unable to get Managed Disks for this Backend
Controller: *controller.***

Explanation

Unable to return managed disks for a Backend Controller.

Administrator Response

Contact IBM customer support.

**BTM0076E: No Clusters associated with this Backend
Controller: *controller.***

Explanation

Unable to return Clusters for a Backend Controller.

Administrator Response

Contact IBM customer support.

BTM0077E: Error getting Cluster managed Disk Groups:
cluster.

Explanation

Unable to return managed disk groups for a cluster.

Administrator Response

Contact IBM customer support.

BTM0078E: Unable to get Managed Disk Groups for this Cluster: *cluster.*

Explanation

Unable to return managed disk groups for a cluster.

Administrator Response

Contact IBM customer support.

BTM0079E: Unable to create Managed Disk Group Object:
group.

Explanation

Unable to create a managed disk group object.

Administrator Response

Contact IBM customer support.

BTM0080E: Error getting Managed Disk Group Virtual Disks:
group.

Explanation

Unable to return virtual disks for a managed disk group.

Administrator Response

Contact IBM customer support.

BTM0081E: Unable to create Virtual Disk object: *volume.*

Explanation

Unable to create a Virtual Disk Object.

Administrator Response

Contact IBM customer support.

BTM0082E: Unable to get Cluster virtual disks: *cluster*.

Explanation

Unable to return virtual disks from a cluster.

Administrator Response

Contact IBM customer support.

BTM0083E: Unable to get Virtual Disks for this Cluster: *cluster*.

Explanation

Unable to return virtual disks for this cluster.

Administrator Response

Contact IBM customer support.

BTM0084E: Error getting Cluster: *cluster*.

Explanation

Unable to return cluster.

Administrator Response

Contact IBM customer support.

BTM0085E: Error getting Storage System Type for Computer System: *system*.

Explanation

Unable to return Storage System Type.

Administrator Response

Contact IBM customer support.

BTM0086E: Error checking Storage system Level for Computer System: *system*.

Explanation

Unable to check the storage system level.

Administrator Response

Contact IBM customer support.

BTM0087E: Unable to get the Storage System for this volume: *volume*.

Explanation

Unable to return storage system for this volume.

Administrator Response

Contact IBM customer support.

BTM0088E: *volume* must be a CIM Object Path String for a Volume.

Explanation

The passed CIM object path string is not for a volume.

Administrator Response

Contact IBM customer support.

BTM0089E: Detected an unsupported level of the Common Information Model agent.

Explanation

The CIMOM that is being used to process CIM objects is not supported.

Administrator Response

If the CIMOM is an unsupported level of the Common Information Model agent, update the CIMOM to a supported level. If not, contact IBM customer support.

BTM0090E: Unable to create CIM Object Path String from Class Definition: *class*.

Explanation

The class definition used to create a CIM object path was not a complete CIM object path.

Administrator Response

Contact IBM customer support.

BTM0091E: Unable to determine the Privilege for Host Initiator *value* to access the Volume *value*.

Explanation

The CIM Object representing a host does not have an associated CIM Object representing a Privilege.

Administrator Response

Contact IBM customer support.

BTM0092W: Cannot get Disk Drives for Storage Pool. No Storage Extents found for this Storage Pool: *value*.

Explanation

The disk drives associated with this storage pool could not be found. The CIM object representing a storage pool does not have an associated CIM Object which represents a storage extent. This storage system's SMI-S 1.0.2 CIM Provider is probably not implementing the extent mapping or disk drive subprofile.

Administrator Response

Contact the storage system vendor and request any SMI-S 1.0.2 CIM Provider updates which may include updates to the extent mapping subprofile or the disk drive subprofile of the SMI-S 1.0.2 CIM Provider.

BTM0093E: No Storage Extents found for this Disk Drive: *value*.

Explanation

The CIM Object representing a Disk Drive does not have an associated CIM Object representing a Storage Extent.

Administrator Response

Contact IBM customer support.

BTM0094E: This CIMOM version is not supported.

Explanation

A CIMOM in the CIMOM Login Administration Panel is not supported.

Administrator Response

Remove the unsupported CIMOM from the CIMOM Login Administration Panel. Contact IBM customer support for further help.

BTM0095E: This CIMOM vendor is not supported.

Explanation

A CIMOM in the CIMOM Login Administration Panel is not supported.

Administrator Response

Remove the unsupported CIMOM from the CIMOM Login Administration Panel. Contact IBM customer support for further help.

BTM0096E: Unable to retrieve LSI SMI-S CIM provider version.

Explanation

Unable to retrieve LSI SMI-S CIM provider version.

Administrator Response

Contact IBM customer support for further help.

BTM0098E: Unable to retrieve CIM Object Path for Storage System: *storage system* from the CIM/OM.

Explanation

The storage system that previously was discovered by a CIM/OM can no longer be found. This could be due to the following conditions:

- The storage system was removed from the CIM/OM where it had been discovered.
- The storage system was removed from the CIM/OM where it had been discovered, but it was added to another CIM/OM that is defined to the Data Manager.

Administrator Response

One of the following actions can be taken:

- If the storage system should not have been removed from the CIM/OM where it had been discovered, add the storage system to the CIM/OM.
- If the storage system does not need to be monitored by Data Manager, but the storage system information is to be retained, this error will occur when the storage system is probed until the storage system is added back to the CIM/OM where it had been discovered.
- If the storage system does not need to be monitored by Data Manager and other storage system information is to be retained, uncheck Monitored against the storage system as it is listed in the Storage Subsystem Administration Panel.
- If the storage system should be removed from Data Manager, remove from the CIM/OM Logins Panel the CIM/OM where the storage system had been previously discovered. Add back the CIM/OM, and discover the storage systems again. Check Monitored against all the storage systems that are to be monitored by Data Manager in the Storage Subsystem Administration Panel.
- If the storage system was defined to another CIM/OM defined to the Data Manager, remove from the CIM/OM Logins Panel the CIM/OM where the storage system had been previously discovered, and the CIM/OM where the storage system is defined. Add back the CIM/OM where the storage system was added and the CIM/OM where the storage system had been previously discovered. Discover the storage systems again. Check Monitored against all the storage systems that are to be monitored by Data Manager in the Storage Subsystem Administration Panel.

BTM0100E: Cannot find unassigned LUNs because the storage pool list is null.

Explanation

Cannot find unassigned LUNs because the storage pool list is null.

Administrator Response

Contact IBM customer technical support.

BTM0101E: Unable to retrieve the Storage System path.

Explanation

Unable to retrieve the storage system path.

Administrator Response

Contact IBM customer technical support.

BTM0102E: Unable to retrieve the Hardware Account path.

Explanation

Unable to retrieve the Hardware Account path.

Administrator Response

Contact IBM customer technical support.

BTM0103E: The Storage System path is null.

Explanation

The storage system path is null.

Administrator Response

Contact IBM customer technical support.

BTM0104E: The Hardware Account path is null.

Explanation

The Hardware Account path is null.

Administrator Response

Contact IBM customer technical support.

BTM0105E: Unable to retrieve the FC Port path.

Explanation

Unable to retrieve the FC Port path.

Administrator Response

Contact IBM customer technical support.

BTM0106E: The FC Port path is null.

Explanation

The FC Port path is null.

Administrator Response

Contact IBM customer technical support.

BTM0107E: Unable to retrieve the Authorization Service path for Subsystem: *value*.

Explanation

Unable to retrieve the Authorization Service path for the specified subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0108E: The Authorization Service path is null for Subsystem: *value*.

Explanation

The Authorization Service path is null for the specified subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0109E: There are multiple Authorization Service paths for the Subsystem: *value*.

Explanation

There are multiple Authorization Service paths for the specified Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0110E: Unable to retrieve the Main Controller path for Subsystem: *value*.

Explanation

Unable to retrieve the Main Controller path for the specified subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0111E: The Main Controller path is null for Subsystem: *value*.

Explanation

The Main Controller path is null for the specified Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0112E: There are multiple Main Controller paths for the Subsystem: *value*.

Explanation

There are multiple Main Controller paths for the specified Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0113E: Unable to retrieve Clone Controller path for the Subsystem: *value* Hardware Account: *value* FC Port: *value*.

Explanation

Unable to retrieve clone controller path for the specified subsystem, hardware account and FC Port.

Administrator Response

Contact IBM customer technical support.

BTM0114E: The Clone Controller path is null for Subsystem: *value* Hardware Account: *value* FC Port: *value*.

Explanation

The clone controller path is null for the specified subsystem, hardware account and FC Port.

Administrator Response

Contact IBM customer technical support.

BTM0115E: Unable to retrieve the Hardware Account for the Clone Controller: *value*.

Explanation

Unable to retrieve the hardware account for the specified clone controller.

Administrator Response

Contact IBM customer technical support.

BTM0116E: The Hardware Account for the Clone Controller: *value* is null.

Explanation

The Hardware Account for the specified clone controller is null.

Administrator Response

Contact IBM customer technical support.

BTM0117E: No Hardware Account for the Clone Controller:
value.

Explanation

No Hardware Account for the specified clone controller.

Administrator Response

Contact IBM customer technical support.

BTM0118E: No Access Control Information for the Clone Controller: *name.*

Explanation

No Access Control Information for the specified clone controller.

Administrator Response

Contact IBM customer technical support.

BTM0119E: Unable to retrieve the FC Port for the Clone Controller: *name.*

Explanation

Unable to retrieve the FC Port for the clone controller.

Administrator Response

Contact IBM customer technical support.

BTM0120E: The FC Port for the Clone Controller: *name* is null.

Explanation

The FC Port for the clone controller is null.

Administrator Response

Contact IBM customer technical support.

BTM0121E: Unable to create a Clone Controller with FC Port:
port number Authorization Service: service.

Explanation

The logical view of LUN Mapping through a specific FC Port was not created in the CIMOM.

Administrator Response

Contact IBM customer technical support.

BTM0122E: Unable to remove Clone Controller: *controller name*.

Explanation

The logical view of LUN Mapping through a specific FC Port was not removed from the CIMOM.

Administrator Response

Contact IBM customer technical support.

BTM0123E: Unable to Assign Access with Hardware Account: *account number Clone Controller: controller Authorization Service: service*.

Explanation

Failed to assign access (unmask) for a specific host or HBA to a specific volume.

Administrator Response

Contact IBM customer technical support.

BTM0124E: Unable to Remove Access with Hardware Account: *account number Clone Controller: controller Authorization Service: service*.

Explanation

Failed to remove access (mask) for a specific host or HBA to a specific volume.

Administrator Response

Contact IBM customer technical support.

BTM0125E: Unable to Attach Volume with Volume *volume name Clone Controller: controller*.

Explanation

The volume could not be associated with the logical view of the LUN Mapping in the CIMOM.

Administrator Response

Contact IBM customer technical support.

BTM0126E: Unable to Detach Volume with Volume *volume name Clone Controller: controller*.

Explanation

The volume could not be unassociated with the logical view of the LUN Mapping in the CIMOM.

Administrator Response

Contact IBM customer technical support.

BTM0127E: Unable to get Volume, Subsystem, or AuthorizationService path.

Explanation

Unable to get Volume, Subsystem, or AuthorizationService path.

Administrator Response

Contact IBM customer technical support.

BTM0128E: Unable to assign Volume *value* to Path [*name*, *name*] on Subsystem *name* using Controller *name* with Authorization Service *name*.

Explanation

Unable to assign the volume to path on the subsystem using the controller with the authorization service.

Administrator Response

Contact IBM customer technical support.

BTM0129E: Unable to unassign Volume *name* to Path [*name*, *name*] on Subsystem *name* using Controller *name* with Authorization Service *name*.

Explanation

Unable to unassign the volume to path on the subsystem using the controller with the authorization service.

Administrator Response

Contact IBM customer technical support.

BTM0130E: Rolling back *value* assignments.

Explanation

Rolling back assignments.

Administrator Response

Contact IBM customer technical support.

BTM0131E: Rolling back *value* unassignments.

Explanation

Rolling back unassignments.

Administrator Response

Contact IBM customer technical support.

BTM0132E: Error getting unassigned LUNs.

Explanation

Error getting unassigned LUNs.

Administrator Response

Contact IBM customer technical support.

BTM0133E: Error assigning paths.

Explanation

Error assigning paths.

Administrator Response

Contact IBM customer technical support.

BTM0134E: Error unassigning paths.

Explanation

Error unassigning paths.

Administrator Response

Contact IBM customer technical support.

BTM0141E: Unable to Attach Volume with Volume *Storage Volume* for Controller *Controller* using Controller Configuration Service: *Controller Configuration Service*.

Explanation

Unable to detach Storage Volume for Controller using Controller Configuration Service.

Administrator Response

Contact IBM customer technical support.

BTM0142E: Unable to Detach Volume with Volume *Storage Volume* for Controller *Controller* using Controller Configuration Service: *Controller Configuration Service*.

Explanation

Unable to detach Storage Volume for Controller using Controller Configuration Service.

Administrator Response

Contact IBM customer technical support.

BTM0149E: Error calling extrinsic method {0} rc = {1}: Invalid Storage Pool There are multiple Privilege Management Service paths for the Subsystem: *Storage Subsystem*.

Explanation

There are multiple Privilege Management Service paths for the Storage Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0151E: There are multiple Privilege Management Service paths for the Subsystem: *Storage Subsystem*.

Explanation

There are multiple Privilege Management Service paths for the Storage Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0152E: The Privilege Management Service path is null for Subsystem: *Storage Subsystem*.

Explanation

The Privilege Management Service path is null for the Storage Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0153E: There are multiple Controller Configuration Service paths for the Subsystem: *Storage Subsystem*.

Explanation

There are multiple Controller Configuration Service paths for the Storage Subsystem.

Administrator Response

Contact IBM customer technical support.

BTM0154E: The Controller Configuration Service path is null for Subsystem: *Storage Subsystem*.

Explanation

The Controller Configuration Service path is null.

Administrator Response

Contact IBM customer technical support.

BTM0155E: Unable to assign Volume *Storage Volume* to Path [*Hardware Account, FC Port*] on Subsystem *Storage Subsystem* using Controller *Controller* with Privilege Management Service *Privilege Service* and Controller Configuration Service *Controller Service*.

Explanation

Unable to assign Storage Volume to Path [Hardware Account, FC Port] on Storage Subsystem using Controller and Privilege Management Service and Controller Service.

Administrator Response

Contact IBM customer support.

BTM0156E: Unable to unassign Volume *Storage Volume* to Path [*Hardware Account, FC Port*] on Subsystem *Storage Subsystem* using Controller *Controller* with Privilege Management Service *Privilege Service* and Controller Configuration Service *Controller Service*.

Explanation

Unable to unassign Storage Volume to Path [Hardware Account, FC Port] on Storage Subsystem using Controller and Privilege Management Service and Controller Service.

Administrator Response

Contact IBM customer support.

BTM0157E: Unable to retrieve the model volume path.

Explanation

Unable to retrieve the CIM Object Path for the Storage Volume representing the model volume.

Administrator Response

Contact IBM customer support.

BTM0158E: Unable to assign volume for an invalid client request.

Explanation

The request to assign a volume fails because the caller of the request is either invalid, or not supported.

Administrator Response

Contact IBM customer support.

BTM0159E: Unable to unassign volume for an invalid client request.

Explanation

The request to unassign a volume fails because the caller of the request is either invalid, or not supported.

Administrator Response

Contact IBM customer support.

BTM0200E: Unable to create Storage Volume of size *value* in Storage Pool *value*.

Explanation

Unable to create a storage volume of the specified size in the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0201E: Storage Volume of size *value* not created in Storage Pool *value*.

Explanation

Storage volume of the specified size not created in the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0202E: Unable to retrieve Storage Service for Storage Pool *value*.

Explanation

Unable to retrieve Storage Service for the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0203E: Unable to retrieve Storage System for Storage Pool *value*.

Explanation

Unable to retrieve storage system for the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0204E: Storage Pool used to create the Storage Volume of size *value* is null.

Explanation

Storage pool used to create the storage volume of the specified size is null.

Administrator Response

Contact IBM customer technical support.

BTM0205E: Size used to create the Storage Volume on Storage Pool *value* is null.

Explanation

Size used to create the storage volume on the specified storage pool is null.

Administrator Response

Contact IBM customer technical support.

BTM0206E: Both the Storage Pool and the size to create the Storage Volume are null.

Explanation

Both the storage pool and the size to create the storage volume are null.

Administrator Response

Contact IBM customer technical support.

BTM0207E: Storage Volume identification is null and Storage Volume cannot be located.

Explanation

Storage volume identification is null and storage volume cannot be located.

Administrator Response

Contact IBM customer technical support.

BTM0208E: Storage Volume identification *value* failed to retrieve Storage Volume.

Explanation

The specified storage volume identification failed to retrieve the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0209E: Storage Volume identification *value* cannot be used to locate a Storage Volume.

Explanation

The specified storage volume identification cannot be used to locate a storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0210E: Storage Volume object is null for Storage System *value*.

Explanation

Storage volume object is null for the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0211E: Storage System is null for Storage Volume *value*.

Explanation

Storage system is null for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0212E: Both the Storage System and the Storage Volume object are null.

Explanation

Both the storage system and the storage volume object are null.

Administrator Response

Contact IBM customer technical support.

BTM0213E: Unable to return the Paths to Storage Volume *value* on Storage System *value*.

Explanation

Unable to return the Paths to the specified storage volume on the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0214E: There are no Paths to Storage Volume *value* on Storage System *value*.

Explanation

There are no Paths to the specified storage volume on the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0215E: Client connection is null when retrieving Storage Volume identification *value*.

Explanation

Client connection is null when retrieving the specified storage volume identification.

Administrator Response

Contact IBM customer technical support.

BTM0216E: Storage Volume identification is null.

Explanation

Storage volume identification is null.

Administrator Response

Contact IBM customer technical support.

BTM0217E: Both the Client connection and the Storage Volume identification are null.

Explanation

Both the Client connection and the storage volume identification are null.

Administrator Response

Contact IBM customer technical support.

BTM0218E: Unable to retrieve Storage Volume object using Storage Volume identification *value*.

Explanation

Unable to retrieve storage volume object using the specified storage volume identification.

Administrator Response

Contact IBM customer technical support.

BTM0219E: Storage System Type of *value* is not valid for Storage Volume identification *value*.

Explanation

The specified storage system type is not valid for the specified storage volume identification.

Administrator Response

Contact IBM customer technical support.

BTM0220E: Unable to locate Storage Volume object using Storage Volume identification *value*.

Explanation

Unable to locate storage volume object using the specified storage volume identification.

Administrator Response

Contact IBM customer technical support.

BTM0221E: Instance of Storage Volume is null.

Explanation

Instance of storage volume is null.

Administrator Response

Contact IBM customer technical support.

BTM0222E: Unable to retrieve Storage Volume identification from Storage Volume instance.

Explanation

Unable to retrieve storage volume identification from storage volume instance.

Administrator Response

Contact IBM customer technical support.

BTM0223E: Retrieved invalid Storage System name of *value* from Storage Volume instance.

Explanation

Retrieved an invalid storage system name from the storage volume instance.

Administrator Response

Contact IBM customer technical support.

BTM0224E: List of Storage Volume objects is invalid.

Explanation

List of storage volume objects is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0225E: Unable to complete list of Storage Pool objects for Storage Volume *value*.

Explanation

Unable to complete list of storage pool objects for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0226E: Unable to complete list of Storage Pool objects without a Storage Volume object.

Explanation

Unable to complete list of storage pool objects without a storage volume object.

Administrator Response

Contact IBM customer technical support.

BTM0227E: No Storage Pool objects returned for Storage Volume *value*.

Explanation

No storage pool objects returned for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0228E: Unable to enumerate Storage Pool objects for Storage Volume *value*.

Explanation

Unable to enumerate storage pool objects for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0229E: Unable to return Storage Pool objects for Storage Volume *value*.

Explanation

Unable to return storage pool objects for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0230E: Unable to generate a list of Storage Pool objects for Storage Volume *value*.

Explanation

Unable to generate a list of storage pool objects for the specified storage volume.

Administrator Response

Contact IBM customer technical support.

BTM0231E: Unable to generate a list of Storage Pool objects without a Storage Volume object.

Explanation

Unable to generate a list of storage pool objects without a storage volume object.

Administrator Response

Contact IBM customer technical support.

BTM0232E: Unable to create Storage Volumes.

Explanation

Unable to create storage volumes. A previous failure occurred to prevent the creation of a storage volume with a specific size.

Administrator Response

Check prior messages for the cause of the failure. If the failure persists, contact IBM customer technical support.

BTM0233E: Unable to select Storage Pools.

Explanation

Unable to select storage pools. The storage pools that were derived from the model LUNs did not have sufficient space to satisfy the request. Therefore, storage volume creation would not be possible.

Administrator Response

Check if the storage pools that were derived from the model LUNs had enough available space and volume addresses. If there is sufficient space and available

volume addresses within each storage pool to create the storage volume, contact IBM customer technical support.

BTM0234E: More than one Storage Service found for Storage System *value*.

Explanation

More than one Storage Service found for the specified storage system.

Administrator Response

Contact IBM customer technical support.

BTM0235E: Failed to retrieve newly created Storage Volume of size *value* in Storage Pool *value*.

Explanation

Failed to retrieve a newly created storage volume of the specified size in the specified storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0236E: Storage Volume to be removed is null.

Explanation

The Storage Volume to be removed does not exist.

Administrator Response

Contact IBM customer technical support.

BTM0237E: Storage Volume *value* is not removed.

Explanation

The Storage Volume is not removed due to an error from the CIM/OM method.

Administrator Response

Contact IBM customer technical support with all related errors.

BTM0238E: Failed to remove Storage Volume *value*.

Explanation

The attempt to remove the Storage Volume failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

BTM0239E: Unable to retrieve Storage Service for Storage Volume *value*.

Explanation

The attempt to retrieve the Storage Service for the Storage Volume failed.

Administrator Response

Contact IBM customer technical support with all related errors.

BTM0400E: Error calling extrinsic method *value* rc = *value*: Unsupported method rc.

Explanation

Error calling the specified extrinsic method. Unsupported method rc.

Administrator Response

Contact IBM customer technical support.

BTM0401E: Error calling extrinsic method *value* rc = *value*: Unknown error.

Explanation

Error calling the specified extrinsic method. Unknown error.

Administrator Response

Contact IBM customer technical support.

BTM0402E: Error calling extrinsic method *value* rc = *value*: Not Supported.

Explanation

Error calling the specified extrinsic method. Not Supported.

Administrator Response

Contact IBM customer technical support.

BTM0403E: Error calling extrinsic method *value* rc = *value*: Failed.

Explanation

Error calling the specified extrinsic method. Failed.

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any messages related to the error occurring within the same time frame. Contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0404E: Error calling extrinsic method *value rc = value*: Invalid parameter ports.

Explanation

Error calling the specified extrinsic method. Invalid parameter ports.

Administrator Response

Contact IBM customer technical support.

BTM0405E: Error calling extrinsic method *value rc = value*: Invalid controller.

Explanation

Error calling the specified extrinsic method. Invalid controller.

Administrator Response

Contact IBM customer technical support.

BTM0406E: Error calling extrinsic method *value rc = value*: Missing required property within Subject or Target.

Explanation

Error calling the specified extrinsic method. Missing required property within Subject or Target.

Administrator Response

Contact IBM customer technical support.

BTM0407E: Error calling extrinsic method *value rc = value*: Invalid parameter.

Explanation

Error calling the specified extrinsic method. Invalid parameter.

Administrator Response

Contact IBM customer technical support.

BTM0408E: Error calling extrinsic method *value rc = value*: Input controller must have AuthorizationView set to FALSE.

Explanation

Error calling the specified extrinsic method. Input controller must have AuthorizationView set to FALSE.

Administrator Response

Contact IBM customer technical support.

BTM0409E: Error calling extrinsic method *value rc = value*: Invalid LogicalDevice instance.

Explanation

Error calling the specified extrinsic method. Invalid LogicalDevice instance.

Administrator Response

Contact IBM customer technical support.

BTM0410E: Error calling extrinsic method *value rc = value*: Hardware implementation requires null DeviceNumber.

Explanation

Error calling the specified extrinsic method. Hardware implementation requires null DeviceNumber.

Administrator Response

Contact IBM customer technical support.

BTM0411E: Error calling extrinsic method *value rc = value*: Input size is bigger than the free spaces left in the InPool.

Explanation

Error calling the specified extrinsic method. Input size is bigger than the free spaces left in the InPool.

Administrator Response

Contact IBM customer technical support.

BTM0412E: Error calling extrinsic method *value rc = value*: Authorization failure.

Explanation

Error calling the specified extrinsic method. Authorization failure.

Administrator Response

Contact IBM customer technical support.

BTM0413E: Error calling extrinsic method *value rc = value*: Cannot remove device because it is not attached.

Explanation

Error calling the specified extrinsic method. Cannot remove device because it is not attached.

Administrator Response

Contact IBM customer technical support.

**BTM0414E: Error calling extrinsic method *value rc = value*:
Invalid parameter Subject.**

Explanation

Error calling the specified extrinsic method. Invalid parameter Subject.

Administrator Response

Contact IBM customer technical support.

**BTM0415E: Error calling extrinsic method *value rc = value*:
Invalid StorageSetting.**

Explanation

Error calling the specified extrinsic method. Invalid StorageSetting.

Administrator Response

Contact IBM customer technical support.

**BTM0416E: Error calling extrinsic method *value rc = value*:
Invalid parameter Target.**

Explanation

Error calling the specified extrinsic method. Invalid parameter Target.

Administrator Response

Contact IBM customer technical support.

**BTM0417E: Error calling extrinsic method *value rc = value*:
Input size is invalid, either less than or equal to 0, or is null.**

Explanation

Error calling the specified extrinsic method. Input size is invalid, either less than or equal to 0, or is null.

Administrator Response

Contact IBM customer technical support.

**BTM0418E: Error calling extrinsic method *value rc = value*:
Access is not yet assigned.**

Explanation

Error calling the specified extrinsic method. Access is not yet assigned.

Administrator Response

Contact IBM customer technical support.

BTM0419E: Error calling extrinsic method {0} rc = {1}: Invalid Storage Pool *method rc = return code*: Invalid Storage Pool.

Explanation

Error calling the specified extrinsic method. Invalid Protocol.

Administrator Response

Contact IBM customer support.

BTM0420E: Error calling extrinsic method *value* rc = *value*: The specified Subject and Target are not associated.

Explanation

Error calling the specified extrinsic method. The specified Subject and Target are not associated.

Administrator Response

Contact IBM customer technical support.

BTM0421E: Error calling extrinsic method *value* rc = *value*: Should remove access first.

Explanation

Error calling the specified extrinsic method. Should remove access first.

Administrator Response

Contact IBM customer technical support.

BTM0422E: Error calling extrinsic method *value* rc = *value*: Should assign access first.

Explanation

Error calling the specified extrinsic method. Should assign access first.

Administrator Response

Contact IBM customer technical support.

BTM0423E: Error calling extrinsic method *value* rc = *value*: Element type should be 2, meaning Storage Volume. (The Volume input should be null.).

Explanation

Error calling the specified extrinsic method. Element type should be 2, meaning storage volume. The volume input should be null.

Administrator Response

Contact IBM customer technical support.

BTM0424E: Error calling extrinsic method *value rc = value*: Supports single target only.

Explanation

Error calling the specified extrinsic method. Supports single target only.

Administrator Response

Contact IBM customer technical support.

BTM0425E: Error calling extrinsic method *value rc = value*: UserIDType should be PortWWN.

Explanation

Error calling the specified extrinsic method. UserIDType should be PortWWN.

Administrator Response

Contact IBM customer technical support.

BTM0426E: Error calling extrinsic method *value rc = value*: Cannot create a temporary controller.

Explanation

Error calling the specified extrinsic method. Cannot create a temporary controller.

Administrator Response

Contact IBM customer technical support.

BTM0427E: Error calling extrinsic method *value rc = value*: LogicalDevice instance is already attached to a Host.

Explanation

Error calling the specified extrinsic method. LogicalDevice instance is already attached to a Host.

Administrator Response

Contact IBM customer technical support.

BTM0428E: Error calling extrinsic method *value rc = value*: Should detach the device first.

Explanation

Error calling the specified extrinsic method. Should detach the device first.

Administrator Response

Contact IBM customer technical support.

BTM0429E: Error calling extrinsic method *value rc = value*: UserIDType should be the same as Name, which is PortWWN.

Explanation

Error calling the specified extrinsic method. UserIDType should be the same as Name, which is PortWWN.

Administrator Response

Contact IBM customer technical support.

BTM0430E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot create view as specified.

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot create view as specified.

Administrator Response

Contact IBM customer technical support.

BTM0431E: Error calling extrinsic method *value rc = value*: Controller processing fails (Failed to delete temporary controller from repository server.

Explanation

Error calling the specified extrinsic method. Controller processing fails (Failed to delete temporary controller from repository server.

Administrator Response

Contact IBM customer technical support.

BTM0432E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot attach the device as specified (ESSCLI cannot create VolumeAccess as specified).

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot attach the device as specified (ESSCLI cannot create VolumeAccess as specified).

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any ESSCLI messages related to the error occurring within the same time frame. If necessary, contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0433E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot remove the device as specified (ESSCLI cannot delete VolumeAccess as specified).

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot remove the device as specified (ESSCLI cannot delete VolumeAccess as specified).

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any ESSCLI messages related to the error occurring within the same time frame. If necessary, contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0434E: Error calling extrinsic method *value rc = value*: IBMTSESS does not support modification of volume.

Explanation

Error calling the specified extrinsic method. IBMTSESS does not support modification of volume.

Administrator Response

Contact IBM customer technical support.

BTM0435E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot AssignAccess as specified (ESSCLI cannot create or set HostConnection).

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot AssignAccess as specified (ESSCLI cannot create or set HostConnection).

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any ESSCLI messages related to the error occurring within the same time frame. If necessary, contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0436E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot RemoveAccess as specified (ESSCLI cannot delete or set HostConnection).

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot RemoveAccess as specified (ESSCLI cannot delete or set HostConnection).

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any ESSCLI messages related to the error occurring within the same time frame. If necessary, contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0437E: Error calling extrinsic method *value rc = value*: HardwareAccount instance already exists or HardwareAccount processing fails.

Explanation

Error calling the specified extrinsic method. HardwareAccount instance already exists or HardwareAccount processing fails.

Administrator Response

Contact IBM customer technical support.

BTM0438E: Error calling extrinsic method *value rc = value*: HardwareAccount processing fails.

Explanation

Error calling the specified extrinsic method. HardwareAccount processing fails.

Administrator Response

Contact IBM customer technical support.

BTM0439E: Error calling extrinsic method *value rc = value*: IBMTSESS cannot create volume as specified (ESSCLI cannot create volume).

Explanation

Error calling the specified extrinsic method. IBMTSESS cannot create volume as specified (ESSCLI cannot create volume).

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any ESSCLI messages related to the error occurring within the same time frame. If necessary, contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0440E: Error calling extrinsic method *value rc = value*: Controller processing failed.

Explanation

Error calling the specified extrinsic method. Controller processing failed.

Administrator Response

Contact IBM customer technical support.

BTM0441E: Error calling extrinsic method *value* rc = *value*: HardwareAccount processing failed.

Explanation

Error calling the specified extrinsic method. HardwareAccount processing failed.

Administrator Response

Contact IBM customer technical support.

BTM0442E: Error calling extrinsic method *name* rc = *value*: Creating indication failure.

Explanation

Error calling the specified extrinsic method. Creating indication failure.

Administrator Response

Contact IBM customer technical support.

BTM0443E: Error calling extrinsic method *name* rc = *value*: The requested logical subsystem already contains the maximum number of volumes allowed.

Explanation

Error calling the specified extrinsic method. The requested logical subsystem already contains the maximum number of volumes allowed. This problem occurs when there is enough volume addresses within the logical subsystem to satisfy the request, but the requested volume size is beyond the capacity allowed by the logical subsystem.

Administrator Response

If the model LUNs used to provision a file system were all exhausted, create a policy where the model LUNs outside the volume group are used. If that is still not sufficient, assign a model LUN to the host from a logical subsystem with sufficient space. If that does not resolve the problem, contact IBM customer technical support.

BTM0444E: Error calling extrinsic method *value* rc = *value*: The requested amount of volume addresses exceeds the maximum number of volumes allowed in the given logical subsystems.

Explanation

Error calling the specified extrinsic method. The requested amount of volume addresses exceeds the maximum number of volumes allowed in the given logical subsystems. This problem occurs when there are not enough volume addresses

within the logical subsystem to satisfy the request. If the volume being created will be the last available volume address within the logical subsystem, it must be the same size of the remaining free space within the logical subsystem. Otherwise, this error occurs.

Administrator Response

If the model LUNs used to provision a file system were all exhausted, create a policy where the model LUNs outside the volume group are used. If that is still not sufficient, assign a model LUN to the host from a logical subsystem with sufficient space and available volume addresses. If that does not resolve the problem, contact IBM customer technical support.

BTM0459E: Unable to get CIM_StorageExtent instance for this object: *disk drive* from the CIM/OM.

Explanation

Cannot retrieve the storage extent for this disk drive object from the CIM/OM. The probe of the storage system will abort.

Administrator Response

Contact IBM customer technical support.

BTM0460E: Unable to get CIM_PhysicalPackage instance for this object: *physical package* from the CIM/OM.

Explanation

Cannot retrieve the physical package for this disk drive object from the CIM/OM. The probe of the storage system will abort.

Administrator Response

Contact IBM customer technical support.

BTM0461E: Unable to get CIM_SoftwareIdentity instance for this object: *software identity* from the CIM/OM.

Explanation

Cannot retrieve the software identity for this disk drive object from the CIM/OM. The probe of the storage system will abort.

Administrator Response

Contact IBM customer technical support.

BTM0462E: Error calling extrinsic method *method rc = return code*: Invalid Protocol.

Explanation

Error calling the specified extrinsic method. Invalid Protocol.

Administrator Response

Contact IBM customer support.

BTM0463E: Error calling extrinsic method *method rc = return code*: Cannot create temporary controller in CIMOM repository.

Explanation

Error calling the specified extrinsic method.

Administrator Response

Contact IBM customer support.

BTM0464E: Unable to retrieve CIM_SystemSpecificCollection paths for CIM_Privilege: *CIM Object*.

Explanation

The CIM Object representing a System Specific Collection does not have an associated CIM Object representing a Privilege.

Administrator Response

Contact IBM customer support.

BTM0465E: Unable to retrieve CIM_StorageHardwareID paths for CIM_SystemSpecificCollection: *CIM Object*.

Explanation

The CIM Object representing a Storage Hardware ID does not have an associated CIM Object representing a System Specific Collection.

Administrator Response

Contact IBM customer support.

BTM0466E: Unable to retrieve CIM_StorageHardwareID paths for CIM_Privilege: *CIM Object*.

Explanation

The CIM Object representing a Storage Hardware ID does not have an associated CIM Object representing a Privilege.

Administrator Response

Contact IBM customer support.

BTM0467E: Unable to retrieve CIM_Privilege paths for CIM_SCSIProtocolController: *CIM Object*.

Explanation

The CIM Object representing a Privilege does not have an associated CIM Object representing a Controller.

Administrator Response

Contact IBM customer support.

BTM0468E: Unable to retrieve CIM_SCSIProtocolController paths for CIM_StorageVolume: *CIM Object*.

Explanation

The CIM Object representing a Controller does not have an associated CIM Object representing a Storage Volume.

Administrator Response

Contact IBM customer support.

BTM0469E: Cannot determine if CIM_StorageVolume has been surfaced: *CIM Object*.

Explanation

Cannot determine if the CIM Object representing a Storage Volume has been surfaced on a host.

Administrator Response

Contact IBM customer support.

BTM0470E: Cannot retrieve cache size for CIM_ComputerSystem: *CIM Object*.

Explanation

The cache size of the Storage System cannot be determined from the CIM Object representing a Storage System.

Administrator Response

Contact IBM customer support.

BTM0550W: Cannot get Disk Drives for Storage Pool. No Disk Drives found for this Storage Pool: *value*.

Explanation

The disk drives associated with the specified storage pool could not be found. This storage system's SMI-S 1.0.2 CIM provider is probably not implementing the extent mapping or disk drive subprofile.

Administrator Response

Contact the storage system vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to the extent mapping subprofile or the disk drive subprofile of the SMI-S 1.0.2 CIM Provider.

BTM0551W: Cannot get Disk Drives for this Storage Pool: *value*.

Explanation

An error occurred while retrieving disk drives associated to this storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0552W: Value of *value* not available for: *property* .

Explanation

The value of a CIM property that is expected from the storage system's SMI-S 1.0.2 CIM Provider cannot be determined.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include an update that provides this property's value.

BTM0553I: Probing Disks for DiskGroup: *value*

Explanation

The probe is finding the disks for this DiskGroup.

BTM0554I: Probing Disks for StoragePool: *value*

Explanation

The probe is finding the disks for this storage pool.

BTM0555I: Number of Disks Found Currently: *value*. {0}. Continuing to Probe Disks.

Explanation

The probe is finding the disks. This status update is to inform how many disks have been processed at this point during the probe.

BTM0556W: Cannot get Disk Drives for Storage System. No Disk Drives found for this Storage System: *value*.

Explanation

The disk drives for this storage system cannot be discovered. This subsystem's SMI-S 1.0.2 CIM Provider is likely not implementing the disk drive subprofile.

Administrator Response

Contact the storage system vendor and request any SMI-S 1.0.2 CIM Provider updates which may include updates to the disk drive Subprofile of the SMI-S 1.0.2 CIM Provider.

BTM0557W: Cannot get Disk Drives for this Storage System: *value*.

Explanation

An error occurred while retrieving disk drives associated with this storage system.

Administrator Response

Contact IBM customer technical support.

BTM0558I: Number of Volumes Found Currently: *value*. Continuing to Probe Volumes.

Explanation

The Probe is finding the Volumes. This status update is to inform how many volumes have been processed at this point during the probe.

BTM0559I: Probing Volumes for StoragePool: *value*.

Explanation

The probe is finding the volumes for this storage pool.

BTM0560I: Probing Volumes for Storage System: *value*.

Explanation

The probe is finding the volumes for this storage system.

BTM0561I: Probing Disks for Storage System: *value*.

Explanation

The probe is finding the disks for this storage system.

BTM0562I: Probing Storage Pools for Storage System: *value*.

Explanation

The probe is finding the storage pools for this storage system.

BTM0563I: Probing properties of Storage System: *value*.

Explanation

The probe is finding the properties for this storage system.

BTM0564W: More than one CIM_Product indirectly associated to the following Device: *value*.

Explanation

More than one CIM_Product is indirectly associated with the device. Inaccurate manufacturer, model number, serial number, or firmware might be displayed for this device.

Administrator Response

Contact the storage system vendor and request any SMI-S 1.0.2 CIM Provider updates that might include updates to the PhysicalPackage component of the CIM Provider for the device.

BTM0565W: Exception caught while getting CIM_Product info for Storage System: *value*.

Explanation

An error occurred while retrieving the CIM_Product info for a Storage System. The model number, serial number, or firmware might not be known for this device.

Administrator Response

Contact IBM customer technical support.

BTM0566W: Unable to get CIM_Product info for Device: *value*.

Explanation

An error occurred while retrieving the CIM_Product info for a storage system. The manufacturer, model number, serial number, or firmware might not be known for this device.

Administrator Response

Contact IBM customer technical support.

BTM0567W: Exception caught while getting CIM_Product info for Device: *value*.

Explanation

An error occurred while retrieving the CIM_Product info for a device. The manufacturer, model number, serial number, or firmware might not be known for this device.

Administrator Response

Contact IBM customer technical support.

BTM0568I: *value* Volumes Found.**Explanation**

This status message is to inform you of the total number of volumes found for this storage system or storage pool.

BTM0569I: *value* Disks Found.**Explanation**

This status message to inform you of the total number of disks found for this storage system or storage pool.

BTM0571W: Exception caught while getting Host Initiators that can access this volume: *value*.**Explanation**

An error occurred while retrieving the hosts that can access a volume. It is assumed that this value is not surfaced to any hosts.

Administrator Response

Contact IBM customer technical support.

BTM0572W: Exception caught while trying to determine RAID Level for StoragePool: *value*.**Explanation**

An error occurred while trying to determine the RAID Level for a Storage Pool. This Storage Pool's RAID Level may not be reported correctly.

Administrator Response

Contact the Storage System vendor and request any SMI-S 1.0.2 CIM Provider updates which might include updates to their CIM_StorageCapabilities instances.

BTM0573E: Exception caught while formatting this Host Bus Adapter port World Wide Name: *value*.**Explanation**

A Host Bus Adapter port World Wide Name was not formatted correctly. This Host Bus Adapter port World Wide Name has one or more LUNs assigned to it, but this assignment will not be reported.

Administrator Response

Contact IBM customer technical support.

BTM0574W: Capacity of Disk Drive is not available: *value*.**Explanation**

The MaxMediaSize property for the CIM_DiskDrive is not available or is populated with invalid data. The capacity of this Disk Drive is recorded as '0'. The

invalid Disk Drive capacity affects Reports of total Disk Drive Capacity.

Administrator Response

Contact the storage system vendor and request any SMI-S 1.0.2 CIM Provider updates that might include updates to the DiskDrive Subprofile of the CIM Provider for the subsystem.

BTM0575W: Exception caught while getting Host Initiators access to Volumes through this View: *value*.

Explanation

An error occurred while determining a Host Initiators' access to Volumes. One or more Host Initiator assignments to Volumes may be missing from reports. If any of the storage system's volumes are assigned to an IBM SAN Volume Controller, the storage of those volumes may be counted twice in the System-wide -> LUNs report.

Administrator Response

Contact IBM customer technical support.

BTM0576I: Probing Views of Host Initiator access to Volumes.

Explanation

The probe is finding the Host Initiator access to Volumes.

BTM0577I: *value* Views Found.

Explanation

This status message to inform you of the total number of Views for Host Initiator access to Volumes that are found for this storage system.

BTM0578E: Unable to connect to CIM/OM. None of the default namespaces are valid for this CIM/OM.

Explanation

None of the namespaces in namespace.config are valid for this CIM/OM.

Administrator Response

Check the documentation for this SMI-S CIM Provider, or contact the storage system vendor. Get the namespace or namespaces to be used for this SMI-S CIM Provider. Add the namespace or namespaces to the top of the list in the namespace.config file. Each line must have only one namespace. Save and close the namespace.config file, and then try to connect to this CIM/OM again.

BTM0600E: Unable to get Array Site for Disk: *value*.

Explanation

The Array Site for this disk could not be determined.

Administrator Response

Contact IBM customer technical support.

BTM0601E: Error calling extrinsic method *value rc = value*: A time out occurred trying to call the method.

Explanation

An error occurred while trying to call the specified extrinsic method. A time out occurred trying to call the method rc.

Administrator Response

Resubmit the file system extension request when there is less activity on the storage system. If the problem persists, contact IBM customer technical support.

BTM0602E: Error calling extrinsic method *value rc = value*: The instance of the Logical Device is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The instance of the logical device is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0603E: Error calling extrinsic method *value rc = value*: There is a conflict in the Device Number.

Explanation

An error occurred while trying to call the specified extrinsic method. There is a conflict in the device number.

Administrator Response

Contact IBM customer technical support.

BTM0604E: Error calling extrinsic method *value rc = value*: A Device Number parameter must be provided.

Explanation

An error occurred while trying to call the specified extrinsic method. A device number parameter must be provided.

Administrator Response

Contact IBM customer technical support.

BTM0605E: Error calling extrinsic method *value rc = value*: A null Device Number is required by the device.

Explanation

Error calling the specified extrinsic method. A null Device Number is required by the device.

Administrator Response

Contact IBM customer technical support.

BTM0606E: Error calling extrinsic method *value rc = value*: The device is busy.

Explanation

Error calling the specified extrinsic method. The device is busy.

Administrator Response

Resubmit the file system extension request when there is less activity on the storage system, and if the problem persists, contact IBM customer technical support.

BTM0607E: Error calling extrinsic method *value rc = value*: The Protocol Controller is invalid.

Explanation

Error calling the specified extrinsic method. The Protocol Controller is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0608E: Error calling extrinsic method *value rc = value*: The volume types are invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The volume types are not valid.

Administrator Response

Contact IBM customer technical support.

BTM0609E: Error calling extrinsic method *value rc = value*: One or more parameters are in the wrong System Scope.

Explanation

An error occurred while trying to call the specified extrinsic method. One or more parameters are in the wrong system scope.

Administrator Response

Contact IBM customer technical support.

BTM0610E: Error calling extrinsic method *value* rc = *value*: The controller needs to be created first.

Explanation

An error occurred while trying to call the specified extrinsic method. The controller needs to be created first.

Administrator Response

Contact IBM customer technical support.

BTM0611E: Error calling extrinsic method *value* rc = *value*: The ESSCLI call to create the volume access failed.

Explanation

An error occurred while trying to call the specified extrinsic method. The ESSCLI call to create the volume access failed.

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any messages related to the error occurring within the same time frame. Contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0612E: Error calling extrinsic method *value* rc = *value*: The ESSCLI call to list the volume access failed.

Explanation

An error occurred while trying to call the specified extrinsic method. The ESSCLI call to list the volume access failed.

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any messages related to the error occurring within the same time frame. Contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0613E: Error calling extrinsic method *value* rc = *value*: The instance of the Logical Device is not associated with the Controller.

Explanation

An error occurred while trying to call the specified extrinsic method. The instance of the logical device is not associated with the controller.

Administrator Response

Contact IBM customer technical support.

BTM0614E: Error calling extrinsic method *value rc = value*: The subject is not supported.

Explanation

An error occurred while trying to call the specified extrinsic method. The subject is not supported.

Administrator Response

Contact IBM customer technical support.

BTM0615E: Error calling extrinsic method *value rc = value*: The Privilege is not supported.

Explanation

An error occurred while trying to call the specified extrinsic method. The privilege is not supported.

Administrator Response

Contact IBM customer technical support.

BTM0616E: Error calling extrinsic method *value rc = value*: The Target is not supported.

Explanation

An error occurred while trying to call the specified extrinsic method. The target is not supported.

Administrator Response

Contact IBM customer technical support.

BTM0617E: Error calling extrinsic method *value rc = value*: A null parameter is not supported.

Explanation

An error occurred while trying to call the specified extrinsic method. A null parameter is not supported.

Administrator Response

Contact IBM customer technical support.

BTM0618E: Error calling extrinsic method *value rc = value*: Configuration Service is in use.

Explanation

Error calling the specified extrinsic method. Configuration Service is in use.

Administrator Response

Resubmit the file system extension request when there is less activity on the storage system, and if the problem persists, contact IBM customer technical support.

BTM0619E: Error calling extrinsic method *value rc = value*: The size is invalid.

Explanation

Error calling the specified extrinsic method. The size is invalid.

Administrator Response

Contact IBM customer technical support.

Resubmit the file system extension request with a different file extension size that is supported by the storage subsystem. If the problem persists, contact IBM customer technical support.

BTM0620E: Error calling extrinsic method *value rc = value*: The Element Type is invalid.

Explanation

Error calling the specified extrinsic method. The Element Type is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0621E: Error calling extrinsic method *value rc = value*: The Goal is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The goal is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0622E: Error calling extrinsic method *value rc = value*: The Storage Pool is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The storage pool is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0623E: Error calling extrinsic method *value rc = value*: The redundancy for the Storage Pool is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The redundancy for the storage pool is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0624E: Error calling extrinsic method *value rc = value*: The requested Data Type does not match the Data Type for the Storage Pool.

Explanation

An error occurred while trying to call the specified extrinsic method. The requested data type does not match the data type for the storage pool.

Administrator Response

Contact IBM customer technical support.

BTM0625E: Error calling extrinsic method *value rc = value*: The Data Type is invalid.

Explanation

Error calling the specified extrinsic method. The Data Type is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0626E: Error calling extrinsic method *value rc = value*: The Element is invalid.

Explanation

Error calling the specified extrinsic method. The Element is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0627E: Error calling extrinsic method *value* rc = *value*: No parameters were specified for the modification.

Explanation

Error calling the specified extrinsic method. No parameters were specified for the modification.

Administrator Response

Contact IBM customer technical support.

BTM0628E: Error calling extrinsic method *value* rc = *value*: Unable to create volume.

Explanation

An error occurred while trying to call the specified extrinsic method. A volume could not be created.

Administrator Response

Check the cimom.log file where the IBM CIMOM was installed for any messages related to the error occurring within the same time frame. Contact IBM customer technical support with the information gathered from the cimom.log as well as this message.

BTM0629E: Error calling extrinsic method *value* rc = *value*: The LSS already contains the maximum number of volumes.

Explanation

An error occurred while trying to call the specified extrinsic method. The requested logical subsystem already contains the maximum number of volumes allowed. This problem occurs when there are enough volume addresses in the logical subsystem to satisfy the request, but the requested volume size is beyond the capacity allowed by the logical subsystem.

Administrator Response

If all the model LUNs used to provision a file system are exhausted, create a policy where the model LUNs outside the volume group are used. If that is still not sufficient, assign a model LUN to the host from a logical subsystem with sufficient space. If that does not resolve the problem, contact IBM customer technical support.

BTM0630E: Error calling extrinsic method *value* rc = *value*: There are not enough volume addresses in the LSS.

Explanation

An error occurred while trying to call the specified extrinsic method. The requested number of volume addresses exceeds the maximum number of volumes allowed in

the given logical subsystems. This problem occurs when there are not enough volume addresses within the logical subsystem to satisfy the request. If the volume being created will be the last available volume address within the logical subsystem, it must be the same size of the remaining free space within the logical subsystem. Otherwise, this error occurs.

Administrator Response

If all the model LUNs used to provision a file system are exhausted, create a policy where the model LUNs outside the volume group are used. If that is still not sufficient, assign a model LUN to the host from a logical subsystem with sufficient space and available volume addresses. If that does not resolve the problem, contact IBM customer technical support.

BTM0631E: Error calling extrinsic method *value rc = value*: The Identification parameter is missing or not unique.

Explanation

An error occurred while trying to call the specified extrinsic method. The identification parameter is missing or not unique.

Administrator Response

Contact IBM customer technical support.

BTM0632E: Error calling extrinsic method *value rc = value*: A null Ports parameter is required by the Controller.

Explanation

An error occurred while trying to call the specified extrinsic method. A null Ports parameter is required by the controller.

Administrator Response

Contact IBM customer technical support.

BTM0633E: Error calling extrinsic method *value rc = value*: The Controller is busy.

Explanation

An error occurred while trying to call the specified extrinsic method. The controller is busy.

Administrator Response

Resubmit the file system extension request when there is less activity on the storage system. If the problem persists, contact IBM customer technical support.

BTM0634E: Error calling extrinsic method *value rc = value*: The Identity is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The identity is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0635E: Error calling extrinsic method *value rc = value*: The Element Name is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The element name is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0636E: Error calling extrinsic method *value rc = value*: The Protocol is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The protocol is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0637E: Error calling extrinsic method *value rc = value*: The Privilege is invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The privilege is invalid.

Administrator Response

Contact IBM customer technical support.

BTM0638E: Error calling extrinsic method *value rc = value*: The Ports are invalid.

Explanation

An error occurred while trying to call the specified extrinsic method. The Ports are invalid.

Administrator Response

Contact IBM customer technical support.

BTM0639E: Error calling extrinsic method *value* rc = *value*: The host connection could not be deleted.

Explanation

An error occurred while trying to call the specified extrinsic method. The host connection could not be deleted.

Administrator Response

Contact IBM customer technical support.

BTM0640E: Error calling extrinsic method *value* rc = *value*: The host connection could not be created.

Explanation

An error occurred while trying to call the specified extrinsic method. The host connection could not be created.

Administrator Response

Contact IBM customer technical support.

BTM0641E: Error calling extrinsic method *value* rc = *value*: The host connection could not be set.

Explanation

An error occurred while trying to call the specified extrinsic method. The host connection could not be set.

Administrator Response

Contact IBM customer technical support.

BTM0642E: Error calling extrinsic method *value* rc = *value*: No Ports are available in this configuration.

Explanation

An error occurred while trying to call the specified extrinsic method. No ports are available in this configuration.

Administrator Response

Contact IBM customer technical support.

BTM0701I: Probing Managed Disks for Managed Disk Group:
value

Explanation

The probe is finding the managed disks for this managed disk group.

**BTM0702I: Number of Managed Disks currently found: *value*.
Continuing to probe managed disks.**

Explanation

The probe is finding the managed disks. This status update is to inform you of the number of managed disks that have been processed at this point during the probe.

BTM0703I: *value* Managed Disks found.

Explanation

This is the total number of managed disks found on the corresponding SAN Volume Controller cluster.

BTM0704I: Probing Virtual Disks for Cluster: *value*

Explanation

The probe is finding the virtual disks for this SAN Volume Controller cluster.

**BTM0705I: Number of Virtual Disks currently found: *value*.
Continuing to probe Virtual Disks.**

Explanation

The probe is finding the virtual disks. This status update is to inform of the number of virtual disks that have been processed at this point during the probe.

BTM0706I: *value* Virtual Disks found.

Explanation

This is the total number of Virtual disks found on the corresponding SAN Volume Controller cluster.

BTM0707I: Probing Virtual Disks for Managed Disk Group:
value

Explanation

The probe is finding the virtual disks for this managed disk group.

BTM0708I: Probing Managed Disks for Cluster: *value*

Explanation

The probe is finding the managed disks for this SAN Volume Controller cluster.

BTM0709I: Probing Managed Disks for Backend Controller:
value

Explanation

The probe is finding the managed disks for this backend controller that has its storage virtualized by the SAN Volume Controller cluster.

BTM0710E: Unable to retrieve data for Managed Disk: *value*
Explanation

The probe was not able to retrieve data for this managed disk.

Administrator Response

Contact IBM customer technical support.

BTM0711E: Unable to retrieve data for Managed Disk Group:
value

Explanation

The probe was not able to retrieve data for this managed disk group.

BTM0712E: Unable to retrieve data for Virtual Disk: *value*
Explanation

The probe was not able to retrieve data for this virtual disk.

Administrator Response

Contact IBM customer technical support.

BTM0713E: Unable to retrieve data for Backend Controller:
value

Explanation

The probe was not able to retrieve data for this backend controller.

Administrator Response

Contact IBM customer technical support.

BTM0714E: Unable to retrieve data for FC Port: *value*
Explanation

The probe was not able to retrieve data for this FC port.

Administrator Response

Contact IBM customer technical support.

BTM0715E: Unable to retrieve data for *value* Managed Disk(s) among the *value* Managed Disks found.

Explanation

This is the number of managed disks out of the total number of managed disks found for this SAN Volume Controller cluster that the probe was not able to retrieve data for.

Administrator Response

Contact IBM customer technical support.

BTM0716E: Unable to retrieve data for *value* Virtual Disk(s) among the *value* Virtual Disks found.

Explanation

This is the number of virtual disks out of the total number of virtual disks found for this SAN Volume Controller cluster that the probe was not able to retrieve data for.

Administrator Response

Contact IBM customer technical support.

BTM0717E: Unable to retrieve FC Ports for Cluster: *value*

Explanation

The probe was not able to retrieve the FC ports for this cluster.

Administrator Response

Contact IBM customer technical support.

BWN

BWN000000E: An object must be selected.

Explanation

No additional information is available for this message.

BWN000200E: The minimum size of the volume cannot be less than *minimum volume size*.

Explanation

No additional information is available for this message.

BWN000201E: The volume *volume name* cannot be deleted because there are host ports assigned to it.

Explanation

No additional information is available for this message.

BWN000202E: The volume *volume name* cannot be deleted, because volume deletion is not supported by this storage subsystem.

Explanation

ESS 2105 volumes cannot be deleted.

System action

Administrator Response

BWN000203E: No storage pool is available.

Explanation

Either no storage pool has been selected, or there is no storage pool available for the specified RAID level.

System action

Administrator Response

Make sure that a storage pool is selected. The storage pool must have available capacity to create volumes.

BWN000204E: The maximum size of the volume cannot be greater than *maximum volume size*.

Explanation

No additional information is available for this message.

BWN000300E: A valid quantity must be selected. It must be between 1 and *max quantity*.

Explanation

No additional information is available for this message.

BWN000301E: A valid size must be selected. It must be between 0 and *max size*.

Explanation

No additional information is available for this message.

BWN000302E: The maximum virtual disk size must be less than or equal to the available capacity (*available capacity*) for one virtual disk in the managed-disk group. If multiple virtual disks are to be created, the virtual-disk size must be less than or equal to the available capacity divided by the number of virtual disks.

Explanation

No additional information is available for this message.

BWN000303E: The number of virtual disks is invalid. The maximum number of virtual disks that can be created is (*available quantity*).

Explanation

No additional information is available for this message.

BWN000304E: At least one managed disk must be selected.

Explanation

No additional information is available for this message.

BWN000305E: The virtual disk *vdisk name* cannot be deleted because there are host ports assigned to it.

Explanation

No additional information is available for this message.

BWN000306E: The virtual disk name is not valid.

Explanation

The name must adhere to the following conventions:

- One to 15 characters in length
- Permissible characters include upper-case letters (A-Z), lower-case letters (a-z), numerals (0-9), a hyphen (-), and an underscore (_).
- The first character cannot be a numeral.
- The name cannot begin with an abbreviation commonly used to specify the object type, for example, the name cannot begin with VDisk, VDISK, or vdisk.

Administrator Response

Retype the name and try again.

BWN000307E: Sequential virtual disks and multiple managed disks are selected, but round-robin assignment is not specified.

Explanation

To create sequential virtual disks without using round-robin assignment, you must select only one managed disk. To use multiple managed disks, select round-robin assignment.

Administrator Response

Reselect the virtual-disk creation properties and try again.

BWN000308E: The number of selected mdisks must be equal to the number of vdisks to be created - *vdisk no..*

Explanation

To create sequential virtual disks using robin-robin assignment, the number of virtual disks must equal the number of managed disks.

Administrator Response

Reselect the virtual-disk creation properties and try again.

BWN000309E: The selected managed disks could not be added to the managed-disk group.

Explanation

The selected managed disks could not be added to the managed-disk group. This might be due to one or more of the following conditions:

- The cluster that contains the managed disks is not stable.
- A managed disk already is part of a managed-disk group.
- A selected managed disk does not exist.
- Too few or too many managed disks were selected.
- A selected managed disk is in managed or image mode.
- A managed disk was destroyed.

Administrator Response

Select different managed disks and try again.

BWN000310E: The selected host type does not match the host type of the selected host ports to be assigned.

Explanation

The host type of selected host ports is not same as the host type selected. Assigning volumes to selected host port will result in error.

Administrator Response

All the host ports that do not match the selected host types should be unselected by moving these back to Available Ports list.

BWN000311E: The selected host ports have identical WWPNS. Select the host ports with different WWPNS.

Explanation

The selected host ports have identical WWPNS. Assigning more than 1 host port with same WWPNS will result in error.

Administrator Response

Host ports with identical WWPNS should be unselected by moving these back to Available Ports list.

BWN000312E: The maximum virtual-disk real size must be less than or equal to the available capacity (*available capacity*) in the managed-disk group. If multiple virtual disks are to be created, the virtual-disk real size must be less than or equal to the available capacity divided by the number of virtual disks.

Explanation

No additional information is available for this message.

BWN000313E: When creating Space Efficient virtual-disks, the maximum virtual-disk size must not exceed *maximum size*.

Explanation

No additional information is available for this message.

BWN000314E: The virtual-disk warning size must be greater than 0 and cannot exceed 100 percent.

Explanation

No additional information is available for this message.

BWN000315W: This CIMOM is already defined with the same parameters. Would you like to save it anyway?

Explanation

No additional information is available for this message.

BWN000316W: This TPC Server is already defined with the same parameters. Would you like to save it anyway?

Explanation

No additional information is available for this message.

BWN000317W: Testing CIMOM connectivity can take up to several minutes in case of an incorrectly entered port number, network problems or an unpassed firewall. Would you like to continue anyway?

Explanation

No additional information is available for this message.

BWN000600E: Some of the selected host ports do not have a host connection configured on the subsystem\ and require a host type to be specified. Select the appropriate host type to be used.

Explanation

Since the selected host ports are not known to the subsystem yet, the subsystem requires a host type to be specified in order to create a new host connection and establish a functional communication between host and host port. With no or unapplicable host type selected, the connection is likely to be non-functional.

Administrator Response

A host type must be selected that matches the characteristics of all host ports to be assigned.

CMMCI

CMMCI9001E: [3]Command *command_name* resulted in an internal server error (error number *return_code*). View the log file for details.

Explanation

An unexpected value was returned for this command.

User response

Run the command again. If the problem persists, contact your service representative.

CMMCI9002I: Command *command_name* halted.

Explanation

The command *command_name* was unexpectedly halted.

User response

Perform the following actions to resolve the problem.

1. View the cluster log to determine if other errors might be causing this error.
2. Run the command again.
3. If the problem persists, contact your service representative.

CMMCI9003W: No *object_name* instances found in the system.

Explanation

You attempted to list all instances of *object_name*. No instances were found.

User response

No action is required.

CMMCI9004E: Cannot modify *object_type object_name* because it does not exist.

Explanation

You are attempting to modify the attributes for the *object_type* named *object_name*, but *object_name* does not exist.

User response

Make sure that the object with the attributes that you are modifying exists.

CMMCI9005I: There is nothing to modify.

Explanation

You are attempting to modify the attributes for an object, but the values that you specified are already defined for that object.

User response

If you must modify the attributes for an object, run the command again. Ensure that you are specifying different attribute values.

CMMCI9006E: No *class_type* instances *object_name* found that match criteria: *criteria*.

Explanation

You are attempting to list all occurrences of an object, but no instances of the object that meet your search criteria were found.

User response

If the search criteria that you specified was correct, no action is required. Otherwise, attempt to list all occurrences of the object again by specifying different search criteria.

CMMCI9007E: *object_type object_name* does not exist.

Explanation

You are attempting to run a command on an object that does not exist.

User response

Ensure that you are running this command on an existing object.

CMMCI9008I: Unsupported command *command_name* completed successfully.

Explanation

The command *command_name* is not a supported command. However, the command did complete successfully.

User response

No action is required.

CMMCI9009E: The unsupported *command_name* command failed with a value *return_code*

Explanation

The command *command_name* is not a supported command. The command did not complete successfully.

User response

Make sure that you are running only supported commands.

CMMCI9010E: [3]The command did not complete successfully.

Explanation

The command did not complete successfully.

User response

Verify that you are using the correct syntax. Then run the command again.

CMMCI9013E: [1]Command: *command_name* was not found.

Explanation

You attempted to run a command that does not exist.

User response

Make sure that you run valid administrative command-line interface commands. Enter "help" for a list of available commands.

CMMCI9014E: [21]The parameter *-parameter_name* is not valid.

Explanation

You attempted to run a command, but the parameter that you specified is not valid.

User response

Run the command again, specifying valid parameters. Enter "help *command_name*" for a list of valid parameters.

CMMCI9015E: [21]The value *value* for parameter *-parameter_name* is not formatted correctly.

Explanation

The parameter that you specified is not formatted correctly.

User response

Run the command again, specifying parameter values that are formatted correctly. Enter "help command_name" for a list of valid parameters.

CMMCI9016E: [21]Missing parameter name after -.

Explanation

You specified a dash, but you did not specify a parameter name after the dash.

User response

Run the command again using correct parameters. Enter "help command_name" for a list of valid parameters.

CMMCI9017E: [21]Parameter *parameter_name* is already specified.

Explanation

You are attempting to specify the same parameter twice on a single command.

User response

Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9018E: [21]Parameter *parameter_name* is missing a required value.

Explanation

The parameter *parameter_name* requires a value.

User response

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9019E: [21]The value for *parameter_name*: *value* is not valid.

Explanation

The value that you specified for the listed parameter name is not valid.

User response

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9021E: [21]Command *command_name* is not formatted correctly.

Explanation

The command that you specified is not formatted correctly.

User response

Run the command again, making sure that it is formatted correctly. Enter "help command_name" for the correct format.

CMMCI9022E: [21]Missing required parameter: *parameter_name*.

Explanation

The parameter *parameter_name* is required.

User response

Run the command again, specifying all required parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9023E: [21]*parameter_name* is mutually exclusive of *parameter_name*

Explanation

You specified two parameters that cannot be used together. You cannot specify both parameters on a single command.

User response

Run the command again, specifying only one of the parameters.

CMMCI9024E: [21]*value* exceeds the maximum allowable value of *maximum_value* for the parameter *command_name*

Explanation

The value that you specified is greater than the maximum value that is allowed for this parameter.

User response

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9025E: [21]*value* does not meet the minimum allowable value of *minimum_value* for the parameter *parameter_name*

Explanation

The value that you specified is less than the minimum value that is allowed for this parameter.

User response

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9026E: [21]Unmatched *character_value* characters.

Explanation

There are unmatched *character_value* characters in the command that you specified.

User response

Run the command again, making sure that you specify matching *character_value* characters, such as matching quotation marks. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9027E: [21]Invalid value for *parameter_name*. The length exceeds *maximum_length* characters.

Explanation

The length of the value that you specified for this parameter exceeds the maximum length for this value.

User response

Run the command again, making sure that the length of the value that you specify for this parameter is not greater than the maximum length. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9028E: [21]The value *value* specified for parameter *parameter_value* is not valid.

Explanation

The value that you specified for this parameter is not valid for this parameter.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9029E: *object_type object_name* does not exist.

Explanation

You specified the object *object_type* with the name *object_name*, but it does not exist.

User response

Run the command again, making sure that you specify an existing object. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9030E: [21]Value *value* cannot be accepted with any other value for the *-parameter_name* parameter.

Explanation

You specified multiple values for the parameter *parameter_name*. However, if you specify the parameter value of *value*, it must be the only value that is specified for this parameter.

User response

Run the command again, making sure that you specify valid parameter values. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9031E: [3]The help page for command *command_name* does not exist.

Explanation

You requested help for the command *command_name*, but no help exists for this command.

User response

Make sure that you are requesting help for a valid command. Enter "help" for a list of available commands.

CMMCI9032E: [21]You must specify parameter *parameter_name* if you specify parameter *parameter_name*

Explanation

If you specify one of these parameters on a command, you must specify both parameters.

User response

Run the command again, making sure that you specify both parameters. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9033E: File *file_name* does not exist.

Explanation

The file name that you specified does not exist.

User response

Run the command again, making sure that you specify a valid file name.

CMMCI9034E: [21]Parameter *parameter_name* cannot be used in the same command as parameter *parameter_name*.

Explanation

These two parameters cannot be used together. You cannot specify both of them in the same command.

User response

Run the command again, making sure that you specify only one of these parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9035E: *object_type object_name* already exists.

Explanation

You are attempting to create an object of type *object_type* by the name *object_name*, but it already exists.

User response

Make sure that this is the object that you are trying to create. If so, no action is required. If not, run the command again using a new object name.

CMMCI9036E: [21]The value *value* for parameter *-parameter_name* is already specified.

Explanation

You are attempting to specify the same parameter twice in a single command.

User response

Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9037E: [21]Multiple targets not allowed for command *command_name*

Explanation

You cannot specify multiple targets for this command.

User response

Run the command again, specifying a single target. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9038E: [21]You cannot specify multiple *values* when using the *parameter_name* parameter.

Explanation

You specified multiple values for the parameter *parameter_name*. You can specify only a single value for this parameter.

User response

Run the command again, making sure that you specify valid parameter values. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9039E: [21]The value *value* for *parameter_name* is not valid. It contains unsupported characters.

Explanation

You specified a value for this parameter that contains unsupported characters.

User response

Run the command again, making sure that you specify valid parameter values. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9040E: [21]The value *value* for the parameter *parameter_name* is not valid. It contains unsupported characters.

Explanation

You specified an object name that contains unsupported characters.

User response

Run the command again, making sure that you specify a valid object name. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9041E: [21]The value for *parameter_name* is not valid. You must specify either *value1* or *value2*.

Explanation

You specified a value for this parameter that is not valid. You must specify either *value1* or *value2*.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9042E: [21]The value for the parameter *-parameter_name* cannot contain a *value*.

Explanation

You specified a value for this parameter that is not valid.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9043E: [21]Number of entries (*entries*) is exceeded for the *-parameter_name* parameter.

Explanation

You specified too many values for this parameter.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9044E: [21]Entry *entry_value* exceeds the length limit (*entry_limit*) for one item for the *-parameter_name* parameter.

Explanation

The length of the value that you specified for this parameter is too long.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9045E: [21]The value for *-parameter_name* must be *operator* the current setting of *value*.

Explanation

The value that you specified for the listed operator is not valid. The operator explains how value must be changed.

User response

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9046E: [21]Unrecognized syntax error in command *command_name*

Explanation

There is a syntax error in the command that you specified.

User response

Run the command again, making sure that you use a valid syntax. Enter "help *command_name*" for the syntax to use.

CMMCI9047E: Cannot run *command_name* as a command within the *application_name* application. Tip: Enter "help *command_name*" for more information.

Explanation

You cannot specify the command *command_name* within this application.

User response

Enter "help *command_name*" for more information about using this command.

CMMCI9048E: The date provided: *date_value* is invalid. Tip: Correct format for the date field is YYYY-MM-DD

Explanation

The value that you entered for the date specifier is invalid.

User response

The format of the date field is YYYY-MM-DD. Check that the value that you entered follows this format and is a valid date.

CMMCI9049E: [21]You must specify one flag from the following group when issuing this command: *param_group*.

Explanation

It is required that one of the parameters that is specified in the grouping is provided for this command.

User response

Restate the command with the correct list of required parameters.

CMMCI9050E: The "-" option is not valid in interactive mode. Tip: If you intended to use this as a value substitution indicator, you must enter the value.

Explanation

Using the operator to instruct the process to read from stdin while in interactive mode is illegal.

User response

Do not use the stdin read operator. Provide the actual value instead.

CMMCI9051E: The config file cannot be accessed. Tip: Try to recreate the configuration file.

Explanation

The cli tried to but could not access the configuration file.

User response

Check if the configuration file can be created and has the right attributes/permissions.

CMMNP

CMMNP2001I: Nothing to modify.

Explanation

No additional information is available for this message.

CMMNP2002I: Unsupported *VALUE_0* command completed sucessfully.

Explanation

No additional information is available for this message.

CMMNP2900I: Command "*VALUE_0*" aborted.

Explanation

No additional information is available for this message.

CMMNP4500W: No *VALUE_0* instances found in the system.

Explanation

No additional information is available for this message.

CMMNP9002E: Cannot modify. *VALUE_0* "*VALUE_1*" does not exist.

Explanation

No additional information is available for this message.

CMMNP9003E: No *VALUE_0* instances *VALUE_1* found that match criteria: *VALUE_2*.

Explanation

No additional information is available for this message.

CMMNP9004E: *VALUE_0* "*VALUE_1*" does not exist.

Explanation

No additional information is available for this message.

CMMNP9005E: Unsupported *VALUE_0* command failed with a value *VALUE_1*

Explanation

No additional information is available for this message.

CMMUI

CMMUI4444E: User name not specified.

Explanation

No additional information is available for this message.

CMMUI9000E: [3]An unknown value "*VALUE_0*" for command "*VALUE_1*" was returned.

Explanation

No additional information is available for this message.

CMMUI9001E: unknown

Explanation

No additional information is available for this message.

CMMUI9006E: [3]Command failed to execute correctly.

Explanation

No additional information is available for this message.

CMMUI9007E: [3>Password file access error: *VALUE_0*.

Explanation

No additional information is available for this message.

CMMUI9008E: [3]Malformed password file. First line of the file requires a colon delimited user:password string

Explanation

No additional information is available for this message.

CMMUI9010E: [1]Invalid command: "*VALUE_0*" not found.

Explanation

No additional information is available for this message.

CMMUI9011E: [21]Invalid flag: "VALUE_0".

Explanation

No additional information is available for this message.

CMMUI9012E: [21]Value "VALUE_0" for flag "-VALUE_1" is formatted incorrectly.

Explanation

No additional information is available for this message.

CMMUI9013E: [21]Missing parameter specifier after "-"

Explanation

No additional information is available for this message.

CMMUI9014E: [21]Flag "VALUE_0" already specified.

Explanation

No additional information is available for this message.

CMMUI9015E: [21]Flag "VALUE_0" missing required value.

Explanation

No additional information is available for this message.

CMMUI9016E: [21]Invalid value for VALUE_0: VALUE_1.

Explanation

No additional information is available for this message.

CMMUI9017E: [21]The VALUE_0 flag cannot be used when the VALUE_1 option is specified.

Explanation

No additional information is available for this message.

CMMUI9018E: [21]Command "VALUE_0" formatted incorrectly

Explanation

No additional information is available for this message.

CMMUI9019E: [21]Missing required parameter: "VALUE_0"

Explanation

No additional information is available for this message.

CMMUI9020E: [21]"VALUE_0" is mutually exclusive of "VALUE_1"

Explanation

No additional information is available for this message.

CMMUI9021E: [21]VALUE_0 exceeds the maximum allowable value of VALUE_1 for parameter "VALUE_2"

Explanation

No additional information is available for this message.

CMMUI9022E: [21]VALUE_0 does not meet the minimum allowable value of VALUE_1 for parameter "VALUE_2"

Explanation

No additional information is available for this message.

CMMUI9023E: [21]Unmatched VALUE_0 characters

Explanation

No additional information is available for this message.

CMMUI9024E: [21]Invalid value for VALUE_0: exceeds VALUE_1 characters

Explanation

No additional information is available for this message.

CMMUI9025E: [21]Value "VALUE_0" for argument "VALUE_1" invalid

Explanation

No additional information is available for this message.

CMMUI9026E: VALUE_0 "VALUE_1" does not exist.

Explanation

No additional information is available for this message.

CMMUI9027E: [21]Value "VALUE_0" cannot be accepted with any other value for the "-VALUE_1" flag.

Explanation

No additional information is available for this message.

CMMUI9028E: [3]The help page for command "VALUE_0" does not exist.

Explanation

No additional information is available for this message.

CMMUI9029E: [21]It is required to specify parameter \\'VALUE_1\' when using parameter \\'VALUE_0\'

Explanation

No additional information is available for this message.

CMMUI9030E: File \\'VALUE_0\' doesn\'t exist.

Explanation

No additional information is available for this message.

CMMUI9031E: [21]Parameter \\'VALUE_0\' cannot be used in the same command as parameter \\'VALUE_1\'.

Explanation

No additional information is available for this message.

CMMUI9032E: VALUE_0 \\'VALUE_1\' already exists.

Explanation

No additional information is available for this message.

CMMUI9033E: [21]Value "VALUE_0" for flag "-VALUE_1" already specified.

Explanation

No additional information is available for this message.

CMMUI9034E: [21]Multiple targets not allowed for command \\'VALUE_0\'

Explanation

No additional information is available for this message.

CMMUI9035E: [21]You cannot specify multiple VALUE_0s when using the VALUE_1 flag.

Explanation

No additional information is available for this message.

CMMUI9036E: [21]Invalid value "VALUE_1" for "VALUE_0": contains unsupported characters.

Explanation

No additional information is available for this message.

CMMUI9037E: [21]Invalid "VALUE_0" name "VALUE_1": contains unsupported characters.

Explanation

No additional information is available for this message.

CMMUI9038E: [21]Invalid value for VALUE_0: value other than VALUE_1 or VALUE_2 specified.

Explanation

No additional information is available for this message.

CMMUI9039E: [21]Value for flag "-VALUE_0" can not contain a "VALUE_1".

Explanation

No additional information is available for this message.

CMMUI9040E: [21]Number of entries (VALUE_0) is exceeded for the "-VALUE_1" flag.

Explanation

No additional information is available for this message.

CMMUI9041E: [21]Entry "VALUE_0" exceeds the length limit (VALUE_1) for one item for the "-VALUE_2" flag.

Explanation

No additional information is available for this message.

CMMUI9042E: [21]Value for -VALUE_0 must be VALUE_1 the current setting of VALUE_2.

Explanation

No additional information is available for this message.

CMMUI9043E: [21]Unrecognized syntax error in command "VALUE_0"

Explanation

No additional information is available for this message.

CMMUI9044E: Cannot run \'\'VALUE_0\'\' as a command within the VALUE_1 application. Tip: Enter "help VALUE_2" for more information.

Explanation

No additional information is available for this message.

CMMUI9900E: User access to CIMOM server denied.

Explanation

No additional information is available for this message.

CMMUI9901E: User access to command "VALUE_0" denied.

Explanation

No additional information is available for this message.

CMMUI9902E: Invalid key in truststore.

Explanation

No additional information is available for this message.

CMMUI9903E: The IBM CIM Object Manager has encountered an internal error.

Explanation

No additional information is available for this message.

CMMUI9904E: Truststore access failure.

Explanation

No additional information is available for this message.

CMMUI9905E: Namespace not found in the CIMOM server: "VALUE_0".

Explanation

No additional information is available for this message.

CMMUI9906E: Host url unspecified to CIMOM server.

Explanation

No additional information is available for this message.

CMMUI9907E: Invalid host specified to CIMOM server: "VALUE_0".

Explanation

No additional information is available for this message.

CMMUI9908E: Could not connect to CIMOM server.

Explanation

No additional information is available for this message.

CMMUI9909E: Invalid port address for CIMOM server:

"VALUE_0".

Explanation

No additional information is available for this message.

CMMUI9910E: An unexpected CIMOM based error occurred:

"VALUE_0".

Explanation

No additional information is available for this message.

CTGEM

CTGEM0000E: An error occurred while loading information from the agent manager configuration file, AgentManager.properties.

Explanation

An error occurred while loading the agent manager configuration information from the AgentManager.properties file.

System action

Agent manager initialization stops. The agent manager is not operational.

Administrator Response

Make sure that the agent manager configuration file (AgentManager.properties) is in the correct location, and then restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0001E: The agent certificate request listener was not loaded. The listener class name is *listener_class_name*.

Explanation

An error occurred while loading the listener specified by *listener_class_name*. The agent certificate request listener was not loaded.

System action

The function provided by the specified agent certificate request listener will not be available. The absence of a certificate request listener can result in the rejection of all agent registration attempts.

Administrator Response

Check the WebSphere application server message and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (ClassNotFoundException), make sure that the name of the class is spelled correctly in the RegistrationListeners.Agent.Request property of the agent manager configuration file (AgentManager.properties). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, then the specified class does not implement the appropriate interface, and is thus not a valid agent certificate request listener. Modify your program and try again.

CTGEM0002E: The manager certificate request listener was not loaded. The listener class name is *listener_class_name*.

Explanation

An error occurred while loading the listener specified by *listener_class_name*. The manager certificate request listener was not loaded.

System action

The function provided by the specified manager certificate request listener will not be available. The absence of a certificate request listener can result in the rejection of all resource manager registration attempts.

Administrator Response

Check the application server log and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (ClassNotFoundException), make sure that the name of the class is spelled correctly in the

Registration.Listeners.Manager.Request property of the agent manager configuration file (AgentManager.properties). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, then the specified class does not implement the appropriate interface, and is thus not a valid manager certificate request listener. Modify your program and try again.

CTGEM0003E: A manager certificate issued listener was not loaded. The listener class name is *listener_class_name*.

Explanation

An error occurred while loading the listener specified by *listener_class_name*. The manager certificate issued listener was not loaded.

System action

The function provided by the specified manager certificate issued listener will not be available.

Administrator Response

Check the application server log and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (ClassNotFoundException), make sure that the name of the class is spelled correctly in the Registration.Listeners.Manager.Issue property of the agent manager configuration file (AgentManager.properties). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, then the specified class does not implement the appropriate interface, and is thus not a valid manager certificate issued listener. Modify your program and try again.

CTGEM0004E: The agent certificate issued listener was not loaded. The listener class name is *listener_class_name*.

Explanation

An error occurred while loading the agent certificate issued listener specified by *listener_class_name*.

System action

The function provided by the specified agent certificate issued listener will not be available.

Administrator Response

Check the application server log and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (ClassNotFoundException), make sure that the name of the class is spelled correctly in the Registration.Listeners.Agent.Issue property of the agent manager configuration file (AgentManager.properties). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, then the specified class does not implement the appropriate interface, and is thus not a valid agent certificate issued listener. Modify your program and try again.

CTGEM0005E: A configuration update listener was not loaded. The listener class name is *listener_class_name*.

Explanation

The listener specified by *listener_class_name* was not loaded as a configuration update listener.

System action

The function provided by the specified configuration update listener is not available.

Administrator Response

Check the application server log and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (`ClassNotFoundException`), make sure that the name of the class is spelled correctly in the `Config.Listener.Agent` and `Config.Listener.Manager` properties of the agent manager configuration file (`AgentManager.properties`). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is `ClassCastException`, then the specified class does not implement the appropriate interface, and is thus not a valid configuration update listener. Modify your program and try again.

CTGEM0006E: The renewal of a certificate was rejected because a certificate in its chain of trust was revoked. The distinguished name (DN) of the rejected certificate is *"rejected_distinguished_name"*. The distinguished name of the revoked certificate is *"revoked_distinguished_name"*.

Explanation

A certificate cannot be renewed if a certificate in its chain of trust has been revoked.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

Identify the computer system that is trying to renew its certificate and determine whether it should be allowed to reregister. If you want to allow the computer system to register as an agent, ask for agent recovery. If you do not want it to reregister, no action is required.

CTGEM0007E: The renewal of a certificate was rejected because a valid trust path to the certificate authority was not found. The distinguished name (DN) of the rejected certificate is *"rejected_distinguished_name"*.

Explanation

A certificate cannot be renewed without a trust path to the certificate authority. The certificate that was submitted for renewal might have been generated by a different certificate authority. For example, you typically use a different certificate authority in a test environment than you do in your production environment. If you created an agent in a test environment and did not completely reconfigure it for the production environment, you will receive this message.

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

Make sure that all of the certificates for this agent or resource manager are issued by the certificate authority for your environment, or force it to reregister.

CTGEM0008W: A certificate was renewed even though the associated information was not in the agent registry. The distinguished name (DN) of the renewed certificate is *"renewal_distinguished_name"*.

Explanation

The certificate to be renewed is signed and valid, but is not listed in the agent registry. The certificate is renewed and its information is added to the registry.

CTGEM0009E: The agent manager cannot create the public / private key pair of type *key_pair_type* using algorithm *key_pair_algorithm*.

Explanation

The agent manager is unable to create a public / private key pair of type *key_pair_type* using the algorithm *key_pair_algorithm*.

Administrator Response

Contact IBM Customer Support.

CTGEM0010E: The agent manager cannot open the root private key associated with the certificate authority.

Explanation

The root private key of the certificate authority cannot be opened. This means that one or both of the key store or password stash file are missing or damaged.

System action

The certificate authority is not initialized. The certificate authority cannot generate and renew certificates, so registration requests cannot be processed.

Administrator Response

Check the `CA.keyRing.name` and `CA.keyPWfile.name` properties in the agent manager configuration file, `AgentManager.properties`. Make sure that the file specified by each property is in the directory specified by the `ARS.directory` property. If both files are present, restart the agent manager. If the problem continues, or if either file is missing, contact IBM Customer Support.

CTGEM0011E: The certificate authority was not initialized.

Explanation

An error occurred while initializing the certificate authority. As a result, the certificate authority is not operational.

System action

The certificate authority was not initialized. The certificate authority cannot generate and renew certificates, so registration requests cannot be processed.

Administrator Response

Check the agent manager log and trace files for error messages and exception traces that were generated during the initialization of the agent manager. If the messages do not suggest a solution, contact IBM Customer Support.

CTGEM0012E: The certificate authority did not get a block of serial numbers from the serial number table in the agent registry.

Explanation

The serial number table in the agent registry is a locked table. To improve performance when assigning serial numbers to certificates, the certificate authority does not lock the serial number table for each serial number. Instead, it gets a block of numbers and assigns new serial numbers from the block.

This message indicates that the certificate authority was unable to get a block of serial numbers from the table.

System action

The certificate authority cannot generate and renew certificates, so registration requests cannot be processed.

Administrator Response

Verify that the agent registry database is available. If it is not in a local database, make sure that you can connect to it from the agent manager server. Look in the WebSphere trace log for the SQL error associated with this problem for additional information about the problem. Turn tracing on, if it is not already on, and restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0013E: The following Web Services Description Language (WSDL) file was not found: *file_name*.

Explanation

The WSDL file specified by *file_name* was not found.

System action

The Web service port implementation associated with the *file_name* WSDL file was not initialized. The function it provides is not available.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0014E: The following Web Services Description Language (WSDL) file cannot be loaded: *file_name*.

Explanation

An error occurred while loading the WSDL file.

System action

The Web service port implementation associated with the *file_name* WSDL file was not initialized, so the function it provides is not available.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0015E: Use a secure connection (HTTPS) for this request.

Explanation

A client program attempted to use a TCP/IP port that is not secure to invoke an operation that requires a secure connection. This typically indicates one of the following problems:

- The client program is using the wrong port for this request.
- The port numbers in the agent configuration file were modified after the agent was installed.
- The agent manager was originally configured to run in non-secure mode, but has been partially reconfigured for secure mode.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0016E: The *parameter_name* parameter cannot be NULL.

Explanation

A client program specified NULL for the *parameter_name* parameter. This parameter must have a non-NULL value.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

Make sure that the agent configuration file (AgentManager.properties) lists the correct port numbers for each agent manager request type. If the configuration file is correct, collect the message and trace files and contact IBM Customer Support.

CTGEM0017E: Client authentication is required to process the request.

Explanation

A client program issued a request to perform an action that requires authentication, but did not supply a certificate with the request. This can indicate that the agent is not correctly configured or that the program is sending the request to the wrong TCP/IP port.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0018E: An internal HTTP or application server error prevented a request from being fulfilled.

Explanation

An internal HTTP or application server error prevented the request from being fulfilled. Look at the exception information in the agent manager trace log to determine the problem.

Administrator Response

Check the agent manager message and trace files. If a solution to the problem is not apparent, contact IBM Customer Support.

CTGEM0019E: The agent with the operating system GUID "*operating_system_GUID*" and component ID "*component_ID*" is already registered, but duplicate registration is not enabled. The registration is not allowed.

Explanation

An agent with the same identification is already registered, but the agent manager is configured to prevent duplicate registration.

The component ID *component_ID* identifies the specific instance of the agent on a computer system by using the root configuration directory, or installation directory, of the agent.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

If you want to allow duplicate registration, change the value of the `Registration.Agent.Reregistration.Policy` property in the agent manager configuration file, `AgentManager.properties`. To allow a specific agent to reregister, delete the certificates for that agent from the registry. If the `Registration.Agent.Reregistration.Policy` setting allows reregistration, delete the certificates for all agents running the same operating system on the target agent.

CTGEM0020E: An agent registration request from *IP_address* was rejected because the password is not correct. The password that was specified is *password*.

Explanation

Agent registration was blocked because the password submitted is incorrect.

Administrator Response

Configure the agent to provide the correct password.

CTGEM0021E: The agent manager instance cannot be retrieved.

Explanation

An error occurred while running the agent manager `getInstance()` method to retrieve the instance of the agent manager, which is class `AgentManager`. To determine the original point of failure, examine the trace log file to see the series of exception traces for this failure.

System action

The agent manager is not operational.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0022E: The agent manager cannot connect to the agent registry.

Explanation

A database error occurred while connecting to the agent registry.

System action

Information gathered by the agent manager will not be written to the agent registry. However, the agent manager continues to run.

Administrator Response

Verify that the agent registry database is operational. If it is not running locally, make sure that you can connect to it from the agent manager server. Turn on tracing (if it is not already on), and restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0023E: The agent manager cannot store information about the agent with the operating system GUID "*operating_system_GUID*" and component ID "*component_ID*" in the agent registry.

Explanation

The agent manager cannot store information about the specified agent in the agent registry. This indicates a possible problem with the database or a problem in the agent manager. The agent or resource manager that called the agent manager is not affected by this problem.

The component ID *component_ID* identifies the specific instance of the agent on a computer system by using the root configuration directory, or installation directory, of the agent.

Administrator Response

Verify that the agent registry database is operational. If it is not running locally, verify that you can connect to it from the agent manager server. Turn on tracing (if it is not already on), and restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0024E: The agent manager cannot store information about the certificate with serial number "*serial_number*" and distinguished name (DN) "*distinguished_name*" in the agent registry.

Explanation

The agent manager cannot store information about a certificate in the agent registry. This indicates a possible problem with the database or a problem in the agent manager. The agent or resource manager that called the agent manager is not affected by this problem, because it receives the certificate, even though the certificate is not stored in the registry. The next time the agent or resource manager contacts the agent manager, the agent manager authenticates the caller using the certificate that is presented at that time.

System action

The agent manager logs the exception in its trace log file. No exception is thrown for the calling program.

Administrator Response

Verify that the agent registry database is operational. If it is not running locally, verify that you can connect to it from the agent manager server. After correcting any database access problem, turn on agent manager tracing (if it is not already

on), and restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0025E: The client certificate has an unrecognized format: *class_name*.

Explanation

The client certificate specified by the *class_name* class has an unrecognized format.

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM0026E: The agent manager cannot store information that is provided in a configuration update into the agent registry.

Explanation

The information in a configuration update cannot be stored in the agent registry.

Administrator Response

Verify that the agent registry database is operational. If it is not running locally, make sure that you can connect to it from the agent manager server. Turn on tracing (if it is not already on), and restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0027E: The agent manager cannot load the root certificate for the certificate authority that uses the following alias: *root_certificate_alias*.

Explanation

The agent manager cannot load its root certificate.

System action

The certificate authority is not initialized. Certificate generation and renewal cannot occur, so registration requests cannot be processed.

Administrator Response

Collect the agent manager and trace files and contact IBM Customer Support.

CTGEM0028E: The identification information in the certificate request is incomplete. Both the operating system GUID and the component ID must be specified.

Explanation

An agent or a resource manager submitted a certificate request that does not contain complete identification information. The calling program must provide both an operating system GUID and a component ID.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

Administrator Response

This message indicates a programming problem. Collect the agent manager message and trace files and contact IBM Customer Support.

Programmer response

Modify the calling program to provide complete information for the certificate request.

CTGEM0029E: A Web service port implementation class cannot be loaded. The implementation class name is *class_name*.

Explanation

An error occurred while loading the Web service port implementation class specified by *class_name*.

System action

The function provided by the specified Web service port implementation is not available.

Administrator Response

Check the WebSphere application server log and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, turn it on and restart the application server.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be either a file system permissions problem or a disk failure.

Programmer response

For a ClassNotFoundException exception, make sure that the name of the class is spelled correctly in the WSDL.Ports.Impl property in the agent manager configuration file (AgentManager.properties). If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, the specified class does not implement the appropriate interface, and is thus not a valid Web service port implementation.

CTGEM0030E: The agent manager cannot initialize the authorization validation listener (AuthorizationValidator).

Explanation

The agent manager cannot initialize the authorization validation listener (AuthorizationValidator).

System action

The agent manager continues to run. However, all resource manager registration requests will be rejected.

Administrator Response

Check the WebSphere application server log and trace files to see exactly what happened. This message is associated with an additional message (CTGEM0031E, CTGEM0032E, or CTGEM0033E) that gives more detail about the problem.

CTGEM0031E: The initialization of the authorization validation listener (AuthorizationValidator) failed because it cannot reference the agent manager instance.

Explanation

The initialization of the authorization validation listener failed because it cannot reference the agent manager instance.

System action

The agent manager continues to run. However, all resource manager registration attempts will be rejected.

Administrator Response

Collect the WebSphere application server message and trace logs and contact IBM Customer Support.

CTGEM0032E: The initialization of the authorization validation listener (AuthorizationValidator) failed because the *file_name* file does not exist.

Explanation

The initialization of the authorization validation listener failed because it cannot find the XML configuration file specified by *file_name*.

System action

The agent manager continues to run. However, all resource manager registration attempts will be rejected.

Administrator Response

Check the Registration.Manager.Authorization.Config property in the agent manager configuration file, AgentManager.properties. Make sure that the file that it

points to, specified by *file_name*, is in the correct directory. The location of the file is relative to the directory specified by the ARS.directory property.

When the information in the configuration file is correct, restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0033E: The initialization of the authorization validation listener (AuthorizationValidator) failed because an error was detected while parsing the agent manager configuration file, AgentManager.properties.

Explanation

The initialization of the authorization validation listener failed because an error occurred while parsing agent manager configuration file, AgentManager.properties.

System action

The agent manager continues to run. However, all resource manager registration attempts will be rejected.

Administrator Response

This error might be caused by an error in the configuration file. Verify that the syntax of the file is correct and then restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0034W: The agent manager cannot write the agent manager ID to the *file_name* file.

Explanation

An error occurred while writing the agent manager ID to the file system.

System action

The agent manager can run even if the agent manager ID is not saved to the file system. The next time the agent manager needs to use its ID, it creates a new one. If the operating system GUID has not been changed, the new agent manager ID is the same as the original one.

Creating a new agent manager ID is a problem only when both of the following conditions are met:

- The agent manager ID is changed because an administrator requested a new GUID.
- The client program uses the agent manager ID to verify that it is talking to the same agent manager as in previous requests, and therefore compares the new agent manager ID to a saved copy of the original ID.

Administrator Response

Make sure that the directory to which the agent manager ID file was to be written exists. If the directory exists, verify that the base directory specified by the ARS.directory property in the agent manager configuration file (AgentManager.properties) is correct. If it does, check its associated permissions,

and verify that the user running the agent manager has the necessary authorization to write to the directory. After making sure that everything is in order, restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0035E: An agent registration was rejected because the agent supplied a registration password, but no agent registration password is defined for the agent manager.

Explanation

This message is generated when the agent provides an agent registration password with a request for registration, but the agent manager is not configured to require an agent registration password.

System action

The agent manager continues to run. However, without an agent registration password, all agent registration attempts are rejected.

Administrator Response

Configure the agent to provide the correct password. Make sure that the `Registration.Agent.Access.Password` property in the agent manager configuration file, `AgentManager.properties`, contains the agent registration password and then restart the agent manager. If the problem continues, contact IBM Customer Support.

CTGEM0036E: The resource manager with component ID "*resource_manager_ID*" cannot register because it did not specify a manager type.

Explanation

A resource manager registration request was rejected because the request did not specify the manager type.

The resource manager ID uses the context URL, or installation directory, of the resource manager to uniquely identify the resource manager instance.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

CTGEM0037E: The resource manager with component ID "*resource_manager_ID*" cannot register because the combination of registration ID, password, and manager type is not correct. The registration ID is "*registration_ID*". The password is "*password*". The manager type is "*manager_type*".

Explanation

A resource manager cannot register because it provided incorrect authentication or authorization information.

The resource manager ID uses the context URL, or installation directory, of the resource manager to uniquely identify the resource manager instance.

System action

In addition to logging this message in the agent manager message and trace files, the agent manager throws an exception to notify the calling program about the problem.

CTGEM0038I: The agent with the operating system GUID "*operating_system_GUID*" and component ID "*agent_ID*" registered successfully from IP address "*IP_address*".

Explanation

No additional information is available for this message.

CTGEM0039I: The resource manager with the operating system GUID "*operating_system_GUID*", component ID "*resource_manager_ID*", and feature name "*feature_name*" registered successfully from IP address "*IP_address*".

Explanation

No additional information is available for this message.

CTGEM0040I: The agent manager successfully renewed the certificate with serial number "*certificate_serial_number*" and distinguished name (DN) "*distinguished_name*".

Explanation

No additional information is available for this message.

CTGEM0041I: The agent manager successfully revoked the certificate with serial number *certificate_serial_number*.

Explanation

No additional information is available for this message.

CTGEM0042I: The agent manager successfully revoked one or more certificates assigned to the component with managed element GUID *GUID*.

Explanation

The agent manager successfully revoked the registration of a certificate for a component identified by *GUID*, which is a type 3 GUID.

CTGEM0043E: The agent manager received the exception *exception* while attempting to run the query *query* with a desired Detail Level of *detail*.

Explanation

An error occurred while running a query against the registry.

System action

No common agents are returned from a failed query attempt. The caller of the query will not be able to display or process any results.

Administrator Response

Check the WebSphere application server message and trace files. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem. If tracing is not turned on, you might have to turn tracing on, restart the application server, and rerun the query.

Gather the log files and contact IBM Customer Support.

Programmer response

A query may consist of SQL provided by the Agent Manager itself, or written by a Resource Manager using the Agent Manager. Failing Resource Manager queries should be examined to verify that the generated SQL is valid, by attempting to run an identical query directly against the database.

Failures which occur when running Agent Manager provided SQL should be reported to the Agent Manager development team.

CTGEM0043I: The agent manager successfully revoked one or more certificates associated with the components installed on the operating system with GUID *GUID*.

Explanation

The agent manager successfully revoked one or more certificates for a component identified by *GUID*, which is a type 1 (operating system) GUID.

CTGEM0044I: The resource manager registration user ID *user_ID* was disabled because too many registration attempts for this ID failed. The final failed attempt was received from IP address *IP_address*. The ID will be reenabled in *seconds* seconds.

Explanation

The user ID *user_ID* was disabled because it exceeded the threshold for resource manager registration failures. Either the user ID does not exist or the password that was specified in the registration request does not match the password in the Authorization.xml file. Each registration failure is logged as message CTGEM0037E.

The account will automatically be reenabled after *seconds* seconds. The number of registration attempts that are allowed before the ID is locked and the length of the lockout interval are set in the agent manager configuration file (AgentManager.properties).

CTGEM0045I: The resource manager registration user ID "*user_ID*" was reenabled for resource manager registration.

Explanation

No additional information is available for this message.

CTGEM0046E: Information cannot be loaded from the agent manager configuration file, AgentManager.properties.

Explanation

An error occurred while loading the configuration information from the AgentManager.properties.

Administrator Response

Make sure that the AgentManager.properties file is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable. When the file is available and readable, retry the operation. If the problem continues, contact IBM Customer Support.

CTGEM0047E: The registration encryption keystore file cannot be accessed because the following exception occurred:
exception

Explanation

The specified exception occurred while attempting to read the registration encryption keystore file. The location of this file is specified by the REG.keyPWfile.name property in the file AgentManager.properties. The location is relative to the directory specified by the ARS.directory property in the same AgentManager.properties file.

Administrator Response

Follow these steps to verify that the information needed to locate the registration encryption keystore file is available:

1. Ensure that the agent manager properties file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file points to a readable registration encryption keystore file. The location of this file is relative to the directory specified by ARS.directory.
4. Ensure that the AgentManager.properties file contains an encrypted string for the value of the Registration.Agent.Access.Password property.
5. When the files and properties are correct, retry the operation that failed.

6. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
7. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0048E: The agent registration password cannot be updated in the agent manager configuration file (AgentManager.properties) because the following exception occurred: *exception*

Explanation

The specified exception occurred while attempting to update the agent registration password in the Registration.Agent.Access.Password property in the AgentManager.properties file. The password was not changed.

Administrator Response

Follow these steps to verify that the information needed to encrypt and update passwords is available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the user who encountered the problem.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. When the files and properties are correct, retry the operation that failed.
5. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
6. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0049E: An error occurred while trying to encrypt the passed value. The exception is: *exception*

Explanation

An error occurred while attempting to encrypt the passed value.

System action

The command-line utility will attempt to encrypt the value passed according to the previously saved key and display the encrypted string to the user.

Administrator Response

Follow these steps to verify that the information needed to encrypt and compare passwords are available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location, and that the file is readable.
4. Ensure that the AgentManager.properties file contains an encrypted string for the value of the Registration.Agent.Access.Password property.
5. When the files and properties are correct, retry the operation that failed.
6. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
7. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0050E: The Authorization.xml file cannot be upgraded because the following exception occurred: *exception*

Explanation

In version 1.1 of the agent manager, passwords in the Authorization.xml file were saved as readable, unencrypted text. The current version stores passwords as encrypted text. When the agent manager is upgraded from version 1.1, the existing passwords are encrypted.

This message indicates that an exception occurred while the passwords in the original Authorization.xml file were being encrypted or updated in the file. The file is not unchanged.

System action

The upgrade continues. The passwords in the Authorization.xml file are not encrypted. The agent manager will not be able to register resource managers until the passwords in the file are encrypted.

Administrator Response

Follow these steps to encrypt the passwords:

1. Make sure that you have the authority to write the Authorization.xml file and then open it in a text editor.
To locate Authorization.xml, use the Registration.Manager.Authorization.Config property in agent manager configuration file (AgentManager.properties). The location is relative to the directory specified in the ARS.directory property. The AgentManager.properties file is in the WEB-INF/classes/resources directory of the AgentManager.war file.
2. Use the EncryptPW command to encrypt the password for each user in the Authorization.xml file. The EncryptPW command writes the encrypted password to standard output. Copy and paste the output string into the password= attribute of the <user> element.
3. Save the file.

If you cannot encrypt the passwords using the EncryptPW command, contact IBM Customer Support.

CTGEM0051E: A resource manager user ID cannot added to the Authorization.xml file because the following exception occurred: *exception*

Explanation

An error occurred while attempting to add a resource manager user ID to the Authorization.xml file.

Administrator Response

Follow these steps to verify that the information needed to locate files and to encrypt passwords is available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable by the current user.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. Ensure that the Authorization.xml file exists and is readable. The Registration.Manager.Authorization.Config property in the AgentManager.properties file points to the Authorization.xml file, relative to the ARS.directory location.
5. When the files and properties are correct, retry the operation that failed.
6. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
7. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0052E: A resource manager user ID cannot removed from the Authorization.xml file because the following exception occurred: *exception*

Explanation

An error occurred while attempting to remove a resource manager user from the Authorization.xml file.

Administrator Response

Follow these steps to verify that the information needed to locate files and to encrypt passwords is available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable by the current user.

3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. Ensure that the Authorization.xml file exists and is readable. The Registration.Manager.Authorization.Config property in the AgentManager.properties file points to the Authorization.xml file, relative to the ARS.directory location.
5. When the files and properties are correct, retry the operation that failed.
6. If the problem continues, contact IBM Customer Support.

CTGEM0053E: The UpdatePW program encountered an error. It was called by the *command* command. The exception was *exception*.

Explanation

UpdatePW is the Java application that provides the functions made available to users by the EncryptPW, EncryptAMProps, AuthXMLAddUser, AuthXMLRemoveUser and AuthXMLRemoveAuthType commands. UpdatePW should be invoked only by one of those commands.

This message indicates that the specified exception occurred while running the UpdatePW program. The variable *command* identifies the function that UpdatePW was attempting to perform. It is possible to get a null pointer exception that specifies the command "null".

Administrator Response

Follow these steps to verify that the information needed to locate files and encrypt passwords is available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location. Ensure that the file is readable.
4. Ensure that the AgentManager.properties file contains an encrypted string for the value of the Registration.Agent.Access.Password property.
5. Ensure that the Registration.Manager.Authorization.Config property specifies the Authorization.xml file and that the current user can read this file. It is possible to use a different file name, so check the contents of the file pointed to by this property.
6. When the files and properties are correct, retry the operation that failed.
7. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
8. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0054E: The UpdatePW program received incorrect input arguments.

Explanation

UpdatePW is the Java application that provides the functions made available to users by the EncryptPW, EncryptAMProps, AuthXMLAddUser, AuthXMLRemoveUser and AuthXMLRemoveAuthType commands. UpdatePW should be invoked only by one of those commands.

This error might indicate that an unauthorized program called the UpdatePW program or that there is a programming error in one of the authorized commands.

Administrator Response

If there is an error in the authorized commands, contact IBM Customer Support.

If UpdatePW was called by an unauthorized program, change the unauthorized program to use one of the authorized commands. The purpose and syntax of the authorized commands is as follows:

- `EncryptPW password`
Encrypts *password* and writes the resulting string to standard output. This allows you to either verify or manually update an encrypted password.
- `EncryptAMProps password`
Changes the value of the Registration.Agent.Access.Password parameter in the agent manager configuration file (AgentManager.properties) with the encrypted form of the specified password.
- `AuthXMLAddUser user_ID password type_name [type_name ...]`
Creates a resource manager user ID in the Authorization.xml file, sets its password to the encrypted form of the password specified, and adds the user to the user list (userList=) of the specified authorization types. If the user is listed in the userList attribute of any <authType> elements that were not listed in the command, it is removed. When the userList of an authType is empty, the authType is deleted.
- `AuthXMLRemoveUser user_ID`
Removes the user identified by *user_ID* from the Authorization.xml file. When the last user is removed from a userList attribute of an authorization type (authType), that authType element will be removed.
- `AuthXMLRemoveAuthType type_name`
Removes the authorization type identified by *type_name* from the Authorization.xml file.

CTGEM0055E: The EncryptPW command received incorrect input arguments. This command takes a single argument, which is the string you want to encrypt.

Explanation

No additional information is available for this message.

CTGEM0056E: The EncryptAMProps command received incorrect input arguments. This command takes a single argument, which is the unencrypted password to be used for agent registration.

Explanation

No additional information is available for this message.

CTGEM0057E: The AuthXMLAddUser command received incorrect input arguments. This command takes the following positional arguments: the resource manager ID that you want to add, the unencrypted password to be used for that ID, and one or more authorization types which the user will be allowed to access. All arguments are separated by one or more space characters.

Explanation

No additional information is available for this message.

CTGEM0058E: The AuthXMLRemoveUser command received incorrect input arguments. This command takes a single argument, which is the ID of the resource manager user ID that you want to remove.

Explanation

No additional information is available for this message.

CTGEM0059E: An error occurred while attempting to retrieve the key used to encrypt resource manager passwords. The exception is: *exception*

Explanation

The specified exception was caught while trying to retrieve the previously saved encryption key that is used during registration. Existing resource manager passwords cannot be validated and new resource manager passwords cannot be created.

Administrator Response

Follow these steps to verify that the information needed to encrypt and compare passwords are available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.

4. When the files and properties are correct, retry the operation that failed.
5. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
6. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0060E: An error occurred while attempting to encrypt the resource manager registration password. The exception is: *exception*

Explanation

The specified exception was caught while trying to encrypt the resource manager password so that it can be compared to the previously saved encrypted password. The resource manager registration password cannot be validated, so the operation that required password validation cannot take place.

Administrator Response

Follow these steps to verify that the information needed to encrypt and compare passwords are available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. When the files and properties are correct, retry the operation that failed.
5. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
6. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0061E: An error occurred while attempting to encrypt the agent registration password. The exception is: *exception*

Explanation

The specified exception was caught while encrypting the agent registration password, so that it can be compared to the previously saved encrypted password. The agent registration password cannot be validated, so the operation that required password validation cannot take place.

Administrator Response

Follow these steps to verify that the information needed to encrypt and compare passwords are available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable.

2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. When the files and properties are correct, retry the operation that failed.
5. If the problem continues, regenerate the registration encryption keystore file and retry the operation that failed. Instructions for regenerating the keystore file are located in the agent manager documentation.
6. If the problem continues after regenerating the keystore file, contact IBM Customer Support.

CTGEM0062E: The AuthXMLRemoveAuthType command received incorrect input arguments. This command takes a single argument, which is the ID of the resource manager user ID that you want to remove.

Explanation

No additional information is available for this message.

CTGEM0063E: A resource manager authorization type cannot be removed from the Authorization.xml file because the following exception occurred: *exception*

Explanation

An error occurred while attempting to remove a resource manager authorization type from the Authorization.xml file.

Administrator Response

Follow these steps to verify that the information needed to locate files and to encrypt passwords is available:

1. Ensure that the agent manager configuration file (AgentManager.properties) is in the WEB-INF/classes/resources directory of the AgentManager.war file and that the file is readable by the current user.
2. Ensure that the directory pointed to by the ARS.directory property in the AgentManager.properties file exists and is readable by the current user.
3. Ensure that the value of the REG.keyPWfile.name property in the AgentManager.properties file is the name of the registration encryption keystore file, relative to the ARS.directory location.
4. Ensure that the Authorization.xml file exists and is readable. The Registration.Manager.Authorization.Config property in the AgentManager.properties file points to the Authorization.xml file, relative to the ARS.directory location.
5. When the files and properties are correct, retry the operation that failed.
6. If the problem continues, contact IBM Customer Support.

CTGEM0150I: Initializing the recovery service ...

Explanation

No additional information is available for this message.

CTGEM0151I: Loading the recovery listeners ...

Explanation

No additional information is available for this message.

CTGEM0152I: The recovery listener *class_name* was loaded.

Explanation

No additional information is available for this message.

CTGEM0153E: The agent manager cannot load the recovery listener: *class_name*. An exception was caught: *exception_class_name*.

Explanation

The agent manager cannot load the class specified by *class_name* as a recovery listener because of the exception identified by *exception_class_name*. The name of the exception typically indicates the problem.

System action

If the recovery service cannot load a recovery listener, it cannot handle recovery requests.

Administrator Response

Check the WebSphere application server log and trace files. If tracing is not turned on, you might have to turn tracing on and restart the application server. Look at the log information that is generated with this error to determine the name of the exception. The name of the exception typically indicates the problem.

If the exception indicates an I/O error (IOException), try to restart the application server. If the problem continues, there might be a problem with the file system permissions or a disk failure.

For other errors, contact IBM Customer Support.

Programmer response

If the exception indicates that the class was not found (ClassNotFoundException), check the properties file for the agent recovery service (RecoveryServiceConfiguration.properties) to make sure that the name of the class is spelled correctly. If the name of the class is correct, make sure that the class is in the class path of the agent manager.

If the exception is ClassCastException, then the specified class does not implement the appropriate interface, and is thus not a valid recovery listener. Modify your program and try again.

CTGEM0154E: The recovery service cannot be initialized.

Explanation

The recovery service cannot be initialized. This can happen if the recovery service configuration file (RecoveryServiceConfiguration.properties) is missing, or if WebSphere Application Server is incorrectly configured.

System action

If the agent recovery service does not start, common agents will not be able to make recovery requests.

Administrator Response

Examine the application server log and trace files for an exception that indicates the problem. If tracing is not already turned on, you might have to turn tracing on and restart the application server for the recovery service.

CTGEM0155I: The recovery service started successfully.

Explanation

No additional information is available for this message.

CTGEM0156I: The registration server was missing

Explanation

No additional information is available for this message.

CTGEM0157I: Registration server trust failure

Explanation

No additional information is available for this message.

CTGEM0158I: The registration was rejected

Explanation

No additional information is available for this message.

CTGEM0159I: The status server was missing

Explanation

No additional information is available for this message.

CTGEM0160I: Status server trust failure

Explanation

No additional information is available for this message.

CTGEM0161I: Unknown reason

Explanation

No additional information is available for this message.

CTGEM0162I: The recovery service received a recovery request. Reason: *reasons_for_recovery_request* Operating system GUID of the common agent: *GUID* Reported host name: *host_name* Observed host name: *host_name* Reported IP address: *IP_address* Observed IP address: *IP_address*

Explanation

This message records that a common agent submitted a recovery request. The message contains information about the agent that submitted the recovery request and the reasons that it submitted a recovery request.

Potential reasons for submitting a recovery request are listed in messages CTGEM0155I through CTGEM0161I.

CTGEM0200E: The file was not found: *file_name* .

Explanation

The properties file specified by *file_name* was not found.

CTGEM0201E: The following properties file cannot be loaded: *file_name* .

Explanation

An error occurred while loading the properties file.

CTGEM0202E: Cannot run the command *command* .

Explanation

An error occurred while running the command *file_name* .

CTGEM0203E: Cannot read the output of the command *command* .

Explanation

An error occurred while reading the standard output of the command *command* .

CTGEM0204E: A SAX exception *message* occurred while parsing the file *fileName* .

Explanation

An error occurred while parsing the file *fileName* .

CTGEM0205E: There is not a default database node in the file *fileName* .

Explanation

An error occurred while validating the file *fileName* .

CTGEM0206E: Cannot read the file *fileName* .

Explanation

An error occurred while reading the file *fileName* .

CTGEM0207E: Scanning the database connection configuration.

Explanation

CTGEM0208E: Writing the backup information in *backupFile* file is not allowed.

Explanation

The path defined as a backup file already exists and is not a regular file.

Operator response

Make sure that permissions to the specified file allow the application to write to it. Make sure that the disk is not full. Make sure that the path provided as a backup file is not a directory.

CTGEM0209I: Scanning the application server specific configuration.

Explanation

The system is scanning all the application server configuration, which is required for proper agent manager recovery.

CTGEM0210I: The agent manager database was successfully backed up.

Explanation

The whole database content required to the agent manager recovery was successfully backed up.

CTGEM0211I: Exporting the agent manager database.

Explanation

No additional information is available for this message.

CTGEM0212I: The agent manager configuration was successfully backed up.

Explanation

No additional information is available for this message.

CTGEM0213E: The temporary directory for the database data export could not be created in the following path *tmpPath*.

Explanation

No additional information is available for this message.

CTGEM0214I: Scanning the agent manager security configuration.

Explanation

No additional information is available for this message.

CTGEM0215I: Scanning the agent manager general configuration.

Explanation

No additional information is available for this message.

CTGEM0216I: Starting the backup of the agent manager configuration to *backupPackFile* file.

Explanation

No additional information is available for this message.

CTGEM0300E: The backup configuration could not be transformed.

Explanation

No additional information is available for this message.

CTGEM0301E: The system attempted to write the result of the backup adaptation, but the file *fileName* could not be written.

Explanation

Make sure that permissions to the specified file allow the application to write to it. Make sure that the disk is not full. Make sure that the path provided as the adaptation result path is an existing location.

CTGEM0302E: The backup pack was not found at the location *backupPackPath*.

Explanation

The backup pack to be adapted was not found.

CTGEM0303E: The backup configuration file, which is the part of the backup pack, has wrong format and could not be parsed.

Explanation

No additional information is available for this message.

CTGEM0304I: The backup pack was successfully adapted to be recovered on new container.

Explanation

No additional information is available for this message.

CTGEM0305I: Within the adaptation process, the *srcFile* is copied into the *destFile* file.

Explanation

No additional information is available for this message.

CTGEM0306I: The backup configuration file is transformed into *fileName* file.

Explanation

No additional information is available for this message.

CTGEM0307E: The backup pack is not a proper zip file.

Explanation

The agent manager backup tool uses zip compression for compressing the backup pack. The file provided is not a proper zip file.

CTGEM0308E: The backup pack file *backupPackFile* could not be read.

Explanation

No additional information is available for this message.

CTGEM0309I: Adopting backup pack for the new installer.

Explanation

No additional information is available for this message.

CTGEM0400E: An error occurred during processing.

Explanation

When an error occurs during the database export or import, the log includes the current stack trace.

CTGEM0401I: Starting to export the database to *directory* directory.

Explanation

No additional information is available for this message.

CTGEM0402I: The database export completed; duration *duration* ms.

Explanation

No additional information is available for this message.

CTGEM0403I: Starting to import the database from *directory* directory.

Explanation

No additional information is available for this message.

CTGEM0404I: The database import completed; duration *duration* ms.

Explanation

No additional information is available for this message.

CTGEM0405I: Starting to export the database table *table* to the *file* file.

Explanation

No additional information is available for this message.

CTGEM0406I: The database table *table* exported to *file* file; duration *duration* ms, *records* records.

Explanation

No additional information is available for this message.

CTGEM0407I: Starting to import the database table *table*.

Explanation

No additional information is available for this message.

CTGEM0408I: Starting to import the database table from *file* file.

Explanation

No additional information is available for this message.

CTGEM0409I: The database table imported; duration *duration* ms, records *records*.

Explanation

No additional information is available for this message.

CTGEM0501E: The exception while installing the AgentRegistry database.

Explanation

No additional information is available for this message.

CTGEM0502E: The SQL exception while installing the AgentRegistry database.

Explanation

No additional information is available for this message.

CTGEM0503I: Using the OperationProvider implementation class: *impl_class*

Explanation

No additional information is available for this message.

CTGEM0504W: The database configuration operation not supported.

Explanation

No additional information is available for this message.

CTGEM0505W: Creating the common agent services constraints operation not supported.

Explanation

No additional information is available for this message.

CTGEM0506W: Creating the relation registry constraints operation not supported.

Explanation

No additional information is available for this message.

CTGEM0507I: Invoking the operation: *operation_name*

Explanation

No additional information is available for this message.

CTGEM0508I: Creating the *db_name* database.

Explanation

No additional information is available for this message.

CTGEM0509I: The database *db_name* already exists.

Explanation

No additional information is available for this message.

CTGEM0510I: The database *db_name* successfully created.

Explanation

No additional information is available for this message.

CTGEM0511E: An error while creating the database *db_name*.

Explanation

No additional information is available for this message.

CTGEM0512I: The database creation process not supported.

Explanation

No additional information is available for this message.

CTGEM0513I: Creating the relation registry schema.

Explanation

No additional information is available for this message.

CTGEM0514I: The relation registry schema already exists.

Explanation

No additional information is available for this message.

CTGEM0515I: The relation registry schema successfully created.

Explanation

No additional information is available for this message.

CTGEM0516E: An error while creating the relation registry schema.

Explanation

No additional information is available for this message.

CTGEM0517I: Creating the common agent services schema.

Explanation

No additional information is available for this message.

CTGEM0518I: The common agent services schema already exists.

Explanation

No additional information is available for this message.

CTGEM0519I: The common agent services schema successfully created.

Explanation

No additional information is available for this message.

CTGEM0520E: An error while creating the common agent services schema.

Explanation

No additional information is available for this message.

CTGEM0521I: Importing data

Explanation

No additional information is available for this message.

CTGEM0522I: The data successfully imported.

Explanation

No additional information is available for this message.

CTGEM0523E: An error while importing the data.

Explanation

No additional information is available for this message.

CTGEM0524I: Establishing the connection to the database *db_name*.

Explanation

No additional information is available for this message.

CTGEM0525I: The connection to the database *db_name* successfully established.

Explanation

No additional information is available for this message.

CTGEM0526E: An error while establishing the connection to the database *db_name*.

Explanation

No additional information is available for this message.

CTGEM0527I: Creating the relation registry constraints.

Explanation

No additional information is available for this message.

CTGEM0528I: The relation registry constraints already exist.

Explanation

No additional information is available for this message.

CTGEM0529I: The relation registry constraints successfully created.

Explanation

No additional information is available for this message.

CTGEM0530E: An error while creating the relation registry constraints.

Explanation

No additional information is available for this message.

CTGEM0531I: Creating the common agent services constraints.

Explanation

No additional information is available for this message.

CTGEM0532I: The common agent services constraints already exist.

Explanation

No additional information is available for this message.

CTGEM0533I: The common agent services constraints successfully created.

Explanation

No additional information is available for this message.

CTGEM0534E: An error while creating the common agent services constraints.

Explanation

No additional information is available for this message.

CTGEM0535I: Adding the column AGNT_FIXPACK_NUM to the CDB.AGENT table.

Explanation

No additional information is available for this message.

CTGEM0536I: The table CDB.AGENT already contains the AGNT_FIXPACK_NUM column.

Explanation

No additional information is available for this message.

CTGEM0537I: The table CDB.AGENT successfully modified.

Explanation

No additional information is available for this message.

CTGEM0538E: An error while adding the AGNT_FIXPACK_NUM column to the CDB.AGENT table.

Explanation

No additional information is available for this message.

CTGEM0539I: Creating the index in the X509_CERT table. The index is based on ME_GUID and CERT_EXPIRATION_DT columns.

Explanation

No additional information is available for this message.

CTGEM0540I: The index in the X509_CERT table, based on ME_GUID and CERT_EXPIRATION_DT columns already exists.

Explanation

No additional information is available for this message.

CTGEM0541I: The index on the X509_CERT table with ME_GUID and CERT_EXPIRATION_DT columns successfully created.

Explanation

No additional information is available for this message.

CTGEM0542E: An error while creating the index on the X509_CERT table with ME_GUID and CERT_EXPIRATION_DT columns.

Explanation

No additional information is available for this message.

CTGEM2000E: The agent manager cannot find the requested message. The message key is *message_key*. The message bundle is *message_bundle*.

Explanation

The agent manager attempted to log the message identified by message key *message_key*, but the message is not in the message bundle. Probable causes for this problem are:

- The message bundle file, *message_bundle*, does not exist
- The message bundle was found but does not contain the specified message key
- The message bundle is in the wrong directory

Administrator Response

Collect the message and trace files and contact IBM Customer Support.

CTGEM2100I: The WebSphere configuration script *script_name* started. The action taken is *action_code*.

Explanation

No additional information is available for this message.

CTGEM2101I: The WebSphere configuration script *script_name* completed successfully.

Explanation

No additional information is available for this message.

CTGEM2102E: The WebSphere configuration script *script_name* completed with the following error: *error*

Explanation

The WebSphere configuration script *script_name* completed but returned the error identified by *error*. This can indicate a programming error.

Administrator Response

Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2103E: The required property *property* is missing.

Explanation

The property *property* is required but was not supplied. To find out which script failed, read the text of message CTGEM2100I, which occurs earlier in this message file (msg_EPM_Install.log).

Administrator Response

Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2104E: The action specified by the *action* argument is not accepted by this script. The action must be either *action_1* or *action_2*.

Explanation

The command-line argument *action* is not accepted by this script. To find out which script failed, read the text of message CTGEM2100I, which occurs earlier in this message file (msg_EPM_Install.log).

Administrator Response

Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2105E: The installation program cannot get the ID for the object specified by the search string *search_string*.

Explanation

The internal identifier for the WebSphere configuration object specified by the search string *search_string* was not found. This typically happens when you provide incorrect input to the installation program, for example, if you misspell the name of the WebSphere cell.

Administrator Response

Start the installation again, providing the correct data in all input fields.

CTGEM2106I: The object of type *object_type* and ID *object_ID* was created.

Explanation

No additional information is available for this message.

CTGEM2107I: The object of type *object_type* and ID *object_ID* was deleted.

Explanation

No additional information is available for this message.

CTGEM2108I: The object with ID *object_ID* and attribute name *attribute_name* was modified.

Explanation

No additional information is available for this message.

CTGEM2109I: The environment variable *variable_name* was modified. The original value was *original_value*. The new value is *new_value*.

Explanation

No additional information is available for this message.

CTGEM2110E: The installation program cannot load the resource bundle *resource_bundle* for the current locale, *current_locale*.

Explanation

The installation program cannot locate the resource bundle *resource_bundle* in the current locale, *current_locale*. This indicates a problem in the files used by the installation program.

You do not get this error if you start the installation in a locale that is not supported by the agent manager component. In that situation, the installation uses the resource bundle for the default locale.

Administrator Response

If possible, obtain a new copy of the installation media and start the installation again. If you get the same message again, save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

Programmer response

This error can be caused by one of the following problems:

- The install.jar file is not in the correct directory
- The -wsadmin_classpath parameter does not point to the location of the install.jar file.

Make sure that the installation image contains the jar file in the correct directory, and that the program passes the correct value for the -wsadmin_classpath parameter.

CTGEM2111I: The WebSphere application *application_name* was installed.

Explanation

No additional information is available for this message.

CTGEM2112I: The WebSphere application *application_name* was uninstalled.

Explanation

No additional information is available for this message.

CTGEM2113E: A WebSphere configuration script cannot complete because the properties file *properties_file_name* was not found.

Explanation

The installation program creates the properties file to pass configuration information to the scripts that configure the agent manager in WebSphere Application Server. Because the configuration script cannot locate the properties file, the configuration cannot be performed and the agent manager installation cannot complete.

To find out which script failed, read the text of message CTGEM2100I, which occurs earlier in this message file (msg_EPM_Install.log).

Administrator Response

This message typically indicates a problem in the installation program. Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2114E: A WebSphere configuration script cannot complete because it cannot read the installation properties file *properties_file_name*. Error information: *error_information*

Explanation

The installation program creates the properties file to pass configuration information to the scripts that configure the agent manager in WebSphere Application Server. Because the configuration script cannot read the properties file, the configuration cannot be performed and the agent manager installation cannot complete.

To find out which script failed, read the text of message CTGEM2100I, which occurs earlier in this message file (msg_EPM_Install.log).

Administrator Response

This message typically indicates a problem in the installation program. Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2115E: The value of the *property* property in the properties file is incorrect. The value is: *value*

Explanation

The installation program creates the properties file to pass configuration information to the scripts that configure the agent manager in WebSphere

Application Server. Because the *property* property in this file is required but does not contain an acceptable value, the configuration cannot be performed.

To find out which script failed, read the text of message CTGEM2100I, which occurs earlier in this message file (msg_EPM_Install.log).

Administrator Response

This message typically indicates a problem in the installation program. Save the message and trace files (msg_EPM_Install.log and trace_EPM_Install.log), and then contact IBM Customer Support.

CTGEM2120E: The GetAMInfo command encountered an error while accessing the version information for *application_name*.

Explanation

The GetAMInfo command cannot read the version information for the *application_name* application because of an unspecified error. The variable *application_name* specifies one of the following applications:

- AgentManager: The agent manager application.
- AgentRecoveryService: The agent recovery service.

This message is displayed when GetAMInfo encounters an error that is not covered by messages CTGEM2121E or CTGEM2122E. Possible causes for this error are that the application is not installed, the version information file has been deleted, or the user does not have permission to access the version information file.

Administrator Response

Use the WebSphere Administrative Console to verify that the *application_name* application is installed and is readable. If the application is installed, verify that the version information file exists and that the user has permission to read the file. The file is located in the following directory:

installedApps/*node/application_name.ear/ application_name.war/WEB-INF*

The name of the version information file for the agent manager application is CTGEMAM*vrrmm*.sys, where *vrrmm* is the version information. The name of the file for the agent recovery service application is CTGEMREC*vrrmm*.sys.

CTGEM2121E: The version information file for the *application_name* application was not found.

Explanation

The GetAMInfo command cannot locate the version information file for the *application_name* application. The variable *application_name* specifies one of the following applications:

- AgentManager: The agent manager application.
- AgentRecoveryService: The agent recovery service.

Possible causes for this error are that the application is not installed or that the version information file has been deleted.

Administrator Response

Use the WebSphere Administrative Console to verify that the application named *application_name* is installed. If the application is installed, verify that the version information file exists and that the user has permission to read the file. The file is located in the following directory:

`installedApps/node/application_name.ear/ application_name.war/WEB-INF`

The name of the version information file for the agent manager application is `CTGEMAMvrrmm.sys`, where *vrrmm* is the version information. The name of the file for the agent recovery service application is `CTGEMRECvrrmm.sys`.

CTGEM2122E: An error occurred while trying to read the version information file for the *application_name*.

Explanation

An `IOException` was caught while trying to read the version information file for *application_name*. The variable *application_name* specifies one of the following applications:

- `AgentManager`: The agent manager application.
- `AgentRecoveryService`: The agent recovery service.

Administrator Response

Use the WebSphere Administrative Console to verify that the application named *application_name* is installed. If the application is installed, verify that the version information file exists and that the user has permission to read the file. The file is located in the following directory:

`installedApps/node/application_name.ear/ application_name.war/WEB-INF`

The name of the version information file for the agent manager application is `CTGEMAMvrrmm.sys`, where *vrrmm* is the version information. The name of the file for the agent recovery service application is `CTGEMRECvrrmm.sys`.

If the file exists and the user has permission to read the file, retry the `GetAMInfo` command again. If the problem persists, either the file system or the version information file is damaged. Locate the version information file if possible and then contact IBM Customer Support.

CTGEM2123I: The wrong number of parameters was specified. The `GetAMInfo` command takes the following parameters, in this order: 1. WebSphere Application Server installation directory 2. WebSphere node name 3. Application name (optional) The application name is either `AgentManager` (the agent manager application) or `AgentRecoveryService` (the agent recovery service application). If you omit the application name, `GetAMInfo` displays the status of both applications.

Explanation

No additional information is available for this message.

CTGEM2124I: *application_name*: version *version* build *build*
Explanation

This message shows the version and build information for the specified application (*application_name*), which is one of the following applications:

- AgentManager: The agent manager application.
- AgentRecoveryService: The agent recovery service.

DBA

DBA0002E: Unable to retrieve database probe definition.
Explanation

Unable to retrieve Database probe definition.

Administrator Response

Contact IBM customer technical support.

DBA0003I: Probe completed with errors.
Explanation

The Probe completed with errors.

DBA0004I: Probe completed successfully.
Explanation

The Probe completed successfully.

DBA0005I: Probe completed with warnings.
Explanation

Probe completed with warnings.

DBA0006E: Invalid or empty RDBMS list received from server.
Explanation

An invalid or empty RDBMS list was received from the server.

Administrator Response

Contact IBM customer technical support.

DBA0007E: RDBMS *rdbms name* is already being probed.
Explanation

The specified RDBMS is already being probed.

Administrator Response

Contact IBM customer technical support.

DBA0008E: The server did not accept the probe results.

Explanation

The server did not accept the probe results.

Administrator Response

Contact IBM customer technical support.

DBA0009E: Unrecognized DBMS type code: *dbms type* DBMS name: *dbms name*.

Explanation

An unrecognized DBMS type code was found for the specified DBMS.

Administrator Response

Contact IBM customer technical support.

DBA0010E: Unable to load or instantiate *class name*.

Explanation

Unable to load or instantiate the specified class.

Administrator Response

Contact IBM customer technical support.

DBA0011E: Unable to load JDBC driver. Driver: *driver name*.

Explanation

Unable to load the specified JDBC driver.

Administrator Response

Contact IBM customer technical support.

DBA0012E: Unable to connect to RDBMS *rdbms name*. Driver: *driver name* URL : *url*.

Explanation

Unable to connect to the specified RDBMS.

Administrator Response

Contact IBM customer technical support.

DBA0013E: Unable to instantiate JDBC driver. Driver: *driver name*.

Explanation

Unable to instantiate the specified JDBC driver.

Administrator Response

Contact IBM customer technical support.

DBA0014E: Unable to find suitable JDBC drivers.

Explanation

Unable to find suitable JDBC drivers.

Administrator Response

Contact IBM customer technical support.

DBA0015W: Unable to determine local host name.

Explanation

Unable to determine local host name.

DBA0016W: Unable to read *instances* file.

Explanation

Unable to read the Oracle Instances file.

DBA0017W: Error parsing tnsnames.ora.

Explanation

Error parsing tnsnames.ora.

DBA0018W: Unable to parse file *file name*.

Explanation

Unable to parse the specified file.

DBA0019W: Unrecognized token - *token*.

Explanation

The specified token is unrecognized.

DBA0020W: Unable to determine default location for repository datafile.

Explanation

It is unable to determine the default location for repository datafile.

DBA0021I: Searching for available Oracle instances.

Explanation

A search for available Oracle instances has started.

DBA0022I: Searching for JDBC drivers.

Explanation

A search for available JDBC drivers has started.

DBA0023I: The following RDBMS servers will be probed.

Explanation

The specified RDBMS servers will be probed.

DBA0024I: Probing *rdbms type rdbms name*.

Explanation

The specified RDBMS is being probed.

DBA0025W: Unable to fetch Oracle instance description.

Explanation

The Oracle instance description was not able to be fetched.

DBA0026E: Unable to fetch Oracle database description.

Explanation

The Oracle database description was not able to be fetched.

Administrator Response

Contact IBM customer technical support.

DBA0027I: Databases scan started.

Explanation

The IBM Tivoli Storage Productivity Center for Data - Databases scan started.

DBA0028E: Unable to retrieve database scan definition.

Explanation

The IBM Tivoli Storage Productivity Center for Data - Databases scan definition was not able to be retrieved.

Administrator Response

Contact IBM customer technical support.

DBA0029E: Invalid response received from server.

Explanation

An invalid response was received from server.

Administrator Response

Contact IBM customer technical support.

DBA0031I: Scan aborted.

Explanation

The RDBMS scan was aborted.

DBA0032I: Scan completed successfully.

Explanation

The RDBMS scan was completed successfully.

DBA0033I: Scan completed with warnings.

Explanation

The RDBMS scan completed with warnings.

DBA0034E: Tablespace *tablespace name* of database *database name* in RDBMS *rdbms name* is already being scanned.

Explanation

The specified tablespace of the specified database in the RDBMS is already being scanned.

Administrator Response

Contact IBM customer technical support.

DBA0035I: Database-Tablespace profiles/constraints.

Explanation

This is an informational message identifying the Database-Tablespace profiles/constraints.

DBA0036I: The following databases-tablespaces will be scanned.

Explanation

The specified databases-tablespaces will be scanned.

DBA0038I: Scanning tablespace *tablespace name.instance name* on database *name*.

Explanation

The specified tablespace is being scanned.

DBA0039W: Tablespace *tablespace name.instance name* on database *name* has been dropped.

Explanation

The specified tablespace has been dropped.

DBA0040E: Error gathering freespace for segment Name:
segment name.instance name **Type:** *database name*.

Explanation

An error occurred while gathering freespace information for the specified segment.

Administrator Response

Contact IBM customer technical support.

DBA0041I: Monitored Tables.

Explanation

This is an informational message that lists the Monitored Tables.

DBA0042E: Probe failed with return code *return code* Refer to the agent log for more information.

Explanation

The probe failed with the specified return code. Refer to the agent log for more information.

Administrator Response

Contact IBM customer technical support.

DBA0044E: Oracle version *version number* is not supported.

Explanation

The specified Oracle version is not supported.

Administrator Response

Contact IBM customer technical support.

DBA0045E: Tablespace *tablespace name* on RDBMS *rd bms name* is offline.

Explanation

The specified tablespace on the specified RDBMS is offline.

Administrator Response

Contact IBM customer technical support.

DBA0046W: Unable to determine canonical path name. File:
file name.

Explanation

The canonical path name was not able to be determined.

**DBA0047W: RDBMS login does not have sysdba privilege.
Freespace will not be calculated for system objects.**

Explanation

The RDBMS login does not have sysdba privilege. Freespace will not be calculated for system objects.

DBA0048E: RDBMS login *logon id* does not have the proper privileges on this Oracle instance. The id must have at least SELECT ANY and ANALYZE ANY privileges.

Explanation

The RDBMS login does not have the proper privileges on this Oracle instance. The id must have at least SELECT ANY and ANALYZE ANY privileges.

Administrator Response

Contact IBM customer technical support.

**DBA0049W: Unable to find JDBC driver for Oracle instance
instance name Trying driver *driver name*.**

Explanation

The JDBC driver for the Oracle instance could not be found. The specified driver will be tried as an alternative.

**DBA0050W: Unable to determine Oracle home directory for
instance *instance name* Using Oracle home *directory name*.**

Explanation

The Oracle home directory for the specified instance could not be determined.

**DBA0051E: User specified JDBC driver does not exist. Driver:
driver name.**

Explanation

The user specified JDBC driver does not exist.

Administrator Response

Contact IBM customer technical support.

**DBA0054E: Error retrieving database information. Refer to the
agent log for more information.**

Explanation

While trying to retrieve the Database information from the Repository an error occurred.

Administrator Response

Contact IBM customer technical support.

DBA0100W: Unable to fetch SQL Server instance description.

Explanation

The SQL server instance description was not able to be fetched.

DBA0101E: SQL Server version *version number* is not supported.

Explanation

The specified SQL server version is not supported.

Administrator Response

Contact IBM customer technical support.

DBA0102I: Database probe started.

Explanation

The IBM Tivoli Storage Productivity Center for Data - Databases-DB probe started.

DBA0103E: COM Initialization failed.

Explanation

COM Initialization failed.

Administrator Response

Contact IBM customer technical support.

DBA0104E: COM Create Instance failed.

Explanation

COM Create Instance failed.

Administrator Response

Contact IBM customer technical support.

DBA0105E: COM Connect to Server *server name* failed

Reason: *error message*.

Explanation

The COM Connect to the specified server failed for the specified reason.

Administrator Response

Contact IBM customer technical support.

DBA0106E: COM Connect to Server *server name* failed.

Explanation

The COM Connect to the specified server failed.

Administrator Response

Contact IBM customer technical support.

DBA0110I: Scanning database *database on computer name*.

Explanation

The specified database is being scanned.

DBA0111W: Database *database name on computer name* has been dropped.

Explanation

The specified Database has been dropped.

DBA0112W: No Sybase home directory found.

Explanation

The Sybase home directory was not found.

DBA0113I: Sybase home directory found: *directory name*.

Explanation

The specified Sybase home directory was found.

DBA0114I: Sybase JDBC drivers found: *driver name*.

Explanation

The Sybase JDBC drivers were found.

DBA0115I: Sybase version: *version number*.

Explanation

An informational message stating the Sybase version.

DBA0116E: Unable to determine Sybase version. Version string: *version number*.

Explanation

The Sybase version was unable to be determined.

Administrator Response

Contact IBM customer technical support.

DBA0117I: Finding UDB instance home directory.

Explanation

A search has begun to find the UDB instance home directory.

DBA0118I: UDB JDBC drivers found: *driver name*.

Explanation

The specified UDB JDBC drivers were found.

DBA0119W: Unable to retrieve database detail information for Database: *database name*.

Explanation

The database detail information for the specified Database was not able to be determined.

DBA0120W: Unable to retrieve tablespace detail information for Tablespace: *tablespace name*.

Explanation

Unable to retrieve tablespace detail information for the specified Tablespace.

DBA0121W: SQL Message: *warning message*.

Explanation

The specified SQL Message was produced.

DBA0122I: No databases exist to probe/scan.

Explanation

No databases exist to probe/scan.

DBA0123I: Probe of *rdbms type rdbms name* complete. Return code: *return code*.

Explanation

The Probe of the specified RDBMS completed the specified return code.

DBA0124I: Probing database *database name*.

Explanation

The specified database is being probed.

DBA0125E: Unable to determine home directory for UDB Instance: *instance name*.

Explanation

The home directory for UDB Instance was not able to be determined.

Administrator Response

Contact IBM customer technical support.

DBA0126W: Runstats failed on table *table name*.

Explanation

The Runstats command failed on specified table.

DBA0127I: Performing runstats on tables.

Explanation

The runstats command will be performed on the following tables.

DBA0128E: Unable to load UDB agent load module. UDB may not be installed on this computer.

Explanation

The UDB agent load module was unable to be loaded. UDB may not be installed on this computer.

Administrator Response

Contact IBM customer technical support.

DBA0129W: Database *database name* is in *state* state and will not be probed or scanned.

Explanation

The specified Database is in a state that will not allow it to be probed or scanned.

DBA0130E: Cannot execute *command name*.

Explanation

The specified command cannot be executed.

Administrator Response

Contact IBM customer technical support.

DBA0131E: *error message*.

Explanation

The specified error has occurred.

Administrator Response

Contact IBM customer technical support.

DBA0132E: Error reading *file name error message*.

Explanation

An error occurred while reading the specified file.

Administrator Response

Contact IBM customer technical support.

DBA0133W: *warning message*.

Explanation

The specified warning has occurred.

**DBA0134E: Unable to connect to instance *instance name*.
Please refer to the agent log file for more details.**

Explanation

The specified error has occurred.

Administrator Response

Contact IBM customer technical support.

DBG

DBG0137E: No Tablespaces-Databases Have Been Selected.

Explanation

No Tablespaces-Databases have been selected for the scan.

Administrator Response

Contact IBM customer technical support.

DBG0259E: No tables are defined.

Explanation

No tables are defined as being part of the table group.

Administrator Response

Contact IBM customer technical support.

DBG0307E: The RDBMS instance name is required.

Explanation

The RDBMS instance name is required when registering a new RDBMS login.

Administrator Response

Contact IBM customer technical support.

DBG0308E: The RDBMS listener port is required.**Explanation**

The RDBMS listener port is required when registering a new RDBMS login.

Administrator Response

Contact IBM customer technical support.

DBG0309E: An RDBMS user must be specified.**Explanation**

An RDBMS user must be specified when registering a new RDBMS login.

Administrator Response

Contact IBM customer technical support.

DBG0310E: The DBA user's password required.**Explanation**

The DBA user's password required when registering a new RDBMS login.

Administrator Response

Contact IBM customer technical support.

DBG0361E: Requested object not found in repository.**Explanation**

The requested object is not found in repository.

Administrator Response

Contact IBM customer technical support.

DBG0580E: The JDBC Driver name is required. For jConnect4x it should be a path. For jConnect5x is should be jConn2.jar.**Explanation**

The JDBC Driver name is required. For jConnect4x it should be a path. For jConnect5x is should be jConn2.jar.

Administrator Response

Contact IBM customer technical support.

DBG0582E: Unable to obtain a JDBC connection to the agent RDBMS. Check the agent log for errors.

Explanation

A JDBC connection to the agent RDBMS was not obtained. Check the agent log for errors.

Administrator Response

Contact IBM customer technical support.

DBG0596E: Unable to obtain the JDBC drivers for the agent RDBMS.

Explanation

The JDBC drivers for the agent RDBMS was not able to be obtained.

Administrator Response

Contact IBM customer technical support.

DBS

DBS0007E: Unable to insert or locate RDBMS *rdbms name* in repository.

Explanation

The specified RDBMS was not located in repository.

Administrator Response

Contact IBM customer technical support.

DBS0009E: Error - unable to locate cached database *database name*.

Explanation

The cached database was not located.

Administrator Response

Contact IBM customer technical support.

DBS0010E: Error - unable to locate cached rdbms *rdbms name*.

Explanation

The cached rdbms was not located.

Administrator Response

Contact IBM customer technical support.

DBS0011E: Error - unable to locate cached tablespace *tablespace name*.

Explanation

The cached tablespace was not located.

Administrator Response

Contact IBM customer technical support.

DBS0013I: Aggregating database user space usage statistics.

Explanation

The database user space usage statistics are being aggregated.

DBS0014I: Aggregating tablespace capacity statistics.

Explanation

The tablespace capacity statistics are being aggregated.

DBS0015I: Aggregating tablespace summary statistics.

Explanation

The tablespace summary statistics are being aggregated.

DBS0016I: Aggregating table summary statistics.

Explanation

The table summary statistics are being aggregated.

DBS0020I: Aggregating device capacity statistics.

Explanation

The device capacity statistics are being aggregated.

DBS0500W: Oracle RDBMSs will be bypassed.

Explanation

Oracle RDBMSs will be bypassed because the DB product is not licensed.

DBS0501W: MS SQL/Server RDBMSs will be bypassed.

Explanation

MS SQL/Server RDBMSs will be bypassed because the DB product is not licensed.

DBS0502W: Sybase RDBMSs will be bypassed.

Explanation

Sybase RDBMSs will be bypassed because the DB product is not licensed.

DBS0504W: UDB RDBMSs will be bypassed.

Explanation

UDB RDBMSs will be bypassed because the DB product is not licensed.

EMSG

EMSG_0001E: The DS8000 Element Managers view is not accessible because the Device Server is down.

Explanation

The DS8000 Element Managers view is hosted on the Device Server.

System action

Administrator Response

EMSG_0002E: The embedded browser widget was unexpectedly destroyed. Click OK to reset display.

Explanation

The panel needs to be reset because the widget containing the element manager GUI was destroyed.

System action

Administrator Response

EMSG_0003I: The element manager is about to be removed. Once removed the element manager will not be accessible from TPC. Do you wish to continue?

Explanation

Removes the reference to the element manager from the TPC. Once the deletion is completed the element manager will not be accessible from TPC. If access to the element manager is required in future then the element manager needs to be readded.

System action

Administrator Response

Click cancel to take no further action and maintain access to the element manager. Click OK to proceed with the removal of the element manager.

EMSG_0004I: Connection test to the element manager *element manager* passed.

Explanation

A connection test was successfully performed on the specified element manager with the displayed result.

System action

Administrator Response

The connection test passed and no further action is required.

EMSG_0005E: Connection test to the element manager *element manager* failed.

Explanation

A connection could not be established to the specified element manager.

System action

Administrator Response

There could be a number of reasons for the failure, including, but not restricted to the element manager's machine being down, network problems or the element manager settings in TPC.

EMSG_0006I: CIMOM connection was removed from element manager.

Explanation

The CIMOM connection was successfully removed.

System action

Administrator Response

No action necessary.

EMSG_0007E: A problem occurred removing the CIMOM from the element manager.

Explanation

System action

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0008I: The CIM Agent has been added successfully. Tivoli Storage Productivity Center has started the discovery job for the device managed by this CIM Agent. To check the status of the jobs, go to the Tivoli Storage Productivity Center perspective and check the following navigation tree nodes: Administrative Services -> Discovery -> CIMOM

Explanation

System action

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0009E: The element manager already exists.

Explanation

The user is attempting to add a duplicate of an element manager already defined in TPC.

Administrator Response

Change the settings so that the element manager you are trying to add is unique.

EMSG_0010E: A problem occurred adding the element manager to TPC.

Explanation

Some unexpected error occurred when attempting to add the element manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0011E: Connection test to Element Manager failed.

Explanation

Either the element manager information was entered incorrectly or there was a problem communicating with the element manager.

Administrator Response

Check element manager details. Ensure that the element manager is online and that there is a working network connection between both boxes.

EMSG_0012E: Unable to establish an https connection to the element manager.

Explanation

The servlet received a request containing an undefined action.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0013E: CIM connection was added to the element manager, however the CIM discovery job failed to launch.

Explanation

Some unexpected error occurred when the backend configuration processing a request.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0014E: An element manager named *manager.name* already exists.

Explanation

The name of an element manager must be unique across the element managers defined in TPC. The user has attempted to name an element manager with a name that has already been used.

Administrator Response

Choose a new name for the element manager.

EMSG_0015E: A problem occurred updating the element manager to TPC.

Explanation

Some unexpected error occurred when attempting to update the element manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0016E: Connection test to CIMOM FAILED due to *status code*.

Explanation

The servlet received a request containing an undefined action.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0017E: The element manager's URL is not in the correct format.

Explanation

The element manager could not be added to the master console because the information used to construct the URL of the element manager's administration console was wrong.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0018E: A problem occurred locating the element manager in TPC.

Explanation

Element manager not found in the TPC Database.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0019E: A problem occurred locating the CIMOM associated with the element manager.

Explanation

Some unexpected error occurred when attempting find the element manager's CIMOM. It could not be found.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0020E: Unable to reset DS8000 Element Manager password.

Explanation

Unable to reset DS8000 Element Manager password. Please try with right credentials.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0021E: To be added to TPC, all DS8000 Element Manager software is prior to release 4.2 need Username and password.

Explanation

All DS8000 Element Managers prior to release 4.2 need Username or password to be added to TPC.

Administrator Response

Enter a username and password

EMSG_0022E: User credentials provided for DS8000 Element Manager are not valid. Provide valid credentials.

Explanation

Username or Password provided for DS8000 Element manager are not valid. Provide valid Username and password.

Administrator Response

Enter a valid username and password

EMSG_0023E: Unable to Add or Modify DS8000 Element manager for unknown reasons.

Explanation

Unable to Add or Modify DS8000 Element manager for Unknown reasons.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0024E: Unable to Add or Modify DS8000 Element manager. Provide right password.

Explanation

Provide correct password credential to Add or Modify DS8000 Element Manager.

Administrator Response

Provide a valid password

EMSG_0025E: Unable to Add or Modify DS8000 Element manager. Account does not exist.

Explanation

Provided account does not exist at DS8000 Element Manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0026E: Unable to Add or Modify DS8000 Element manager. User Account is locked.

Explanation

Provided account is locked at DS8000 Element Manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0027E: Unable to Add/Modify DS8000 Element manager. Storage Authentication Service (SAS) database cannot be accessed.

Explanation

Database is not accessible at DS8000 Element Manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0028E: Unable to Add or Modify DS8000 Element manager. Parameters passed are not valid.

Explanation

Parameters recieved by DS8000 Element Manager are not valid.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0029E: Unable to Add or Modify DS8000 Element manager. Storage Authentication Service(SAS) database login task has failed. *Username or password is Incorrect.*

Explanation

DS8000 Element manager unable to log in to Database.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0030E: Unable to Add or Modify DS8000 Element manager. The external user account or user group is not mapped to a DS series user role.

Explanation

User not mapped to an ESSNI group at DS8000 Element Manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0031E: Unable to Add or Modify DS8000 Element manager. Token submitted to Authentication policy is not supported.

Explanation

Token passed to DS8000 Element Manager is not supported by its Authentication policy.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0032E: Unable to Add or Modify DS8000 Element manager. Token submitted for authentication has expired. Re-authenticate to continue.

Explanation

Unable to Add or Modify DS8000 Element manager. Token submitted for authentication has expired. Re-authenticate to continue.

Administrator Response

Re-authenticate to continue.

EMSG_0033E: Unable to Add or Modify DS8000 Element manager. No URL provided for Storage Authentication Service (SAS) policy.

Explanation

No Remote Location for Storage Authentication Service(SAS) policy provided.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0034E: Unable to Add or Modify DS8000 Element manager. The host specified in the URL is not a known host or is not reachable.

Explanation

Unreachable or Unknown URL specified for DS8000 Element manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0035E: Unable to Add or Modify DS8000 Element manager. The specified truststore does not have a valid certificate for the Storage Authentication Service (SAS).

Explanation

The specified truststore does not have a valid certificate for the Storage Authentication Service (SAS).

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0036E: Unable to Add or Modify DS8000 Element manager. Connection request to the Storage Authentication Service (SAS) is refused.

Explanation

A Connection request from DS8000 Element Manager to the Storage Authentication Service (SAS) is refused.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0037E: Unable to Add or Modify DS8000 Element manager. Connection request to the Storage Authentication Service (SAS) has failed due to socket timeout.

Explanation

Connection request to the Storage Authentication Service (SAS) has failed due to a socket timeout at DS8000 Element manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0038E: Unable to Add or Modify DS8000 Element manager. Failed to login to DS8000 Element manager. Please enter valid Username and password.

Explanation

Failed to login to DS8000 Element manager. Enter a valid username and password

Administrator Response

Enter a valid username and password to continue.

EMSG_0039E: Unable to Add or Modify DS8000 Element manager. The type of token submitted is not supported by the Storage Authentication Service.

Explanation

The token type submitted is not compatible with the configuration of the ESS Client on the DS8000 Element manager.

Administrator Response

This is an internal error. Contact IBM support.

EMSG_0040I: The CIMOM Connection is about to be removed. Do you wish to continue?

Explanation

Removes CIMOM Connection to the element manager from the TPC.

System action

Administrator Response

Click cancel to take no further action and retain CIMOM Connection. Click OK to proceed with the removal of the CIMOM Connection.

EMSG_0041E: The DS8000 Network server is unavailable.

Explanation

The connection to the DS8000 Network server is established immediately after the user login to the GUI application. The DS8000 Network server cannot be reached over the TCP/IP network or over a local connection. The DS8000 Network server might not be enabled, a network problem might exist, or the DS8000 Network server might be refusing connections because too many clients are connected.

Administrator Response

Ensure that the network is functioning properly and the DS8000 network server is enabled. If too many clients are connected, wait until the DS8000 Network server has fewer clients. Resubmit the task. If the problem persists, log out of the GUI application and log in again and resubmit the task.

EMSG_0042E: You are not authorized to perform this action through the management console.

Explanation

You are attempting to perform an action for which you have no authorization.

Administrator Response

Contact your system administrator to change your authorization level. Resubmit the task.

GEN0001E: *command name*(*command arguments*) FAILED.**Explanation**

The specified command FAILED.

Administrator Response

Contact IBM customer technical support.

GEN0002E: Unable to create temporary file *file name*.**Explanation**

The temporary file could not be created.

Administrator Response

Contact IBM customer technical support.

GEN0003E: Unable to lock temporary file *file name*.**Explanation**

The temporary file could not be locked.

Administrator Response

Contact IBM customer technical support.

GEN0004E: *accept()* fails -- *error message*.**Explanation**

The socket *accept()* command failed.

Administrator Response

Contact IBM customer technical support.

GEN0005E: Cannot get input stream from host *<computer name>*.**Explanation**

Stream input from the host cannot be received.

Administrator Response

Contact IBM customer technical support.

GEN0006E: Cannot get output stream to host <computer name>.

Explanation

Stream output from the host cannot be received.

Administrator Response

Contact IBM customer technical support.

GEN0007E: Cannot deserialize from host <computer name>.

Explanation

The message from the host cannot be deserialized.

Administrator Response

Contact IBM customer technical support.

GEN0008E: Cannot read from host <computer name>.

Explanation

The Object Input stream from the host cannot be read.

Administrator Response

Contact IBM customer technical support.

GEN0009E: Cannot serialize to host <computer name>.

Explanation

The message from the host cannot be serialized.

Administrator Response

Contact IBM customer technical support.

GEN0010E: Cannot write to host <computer name>.

Explanation

The host cannot be written to.

Administrator Response

Contact IBM customer technical support.

GEN0011E: Cannot open object stream from host <computer name>.

Explanation

The object stream from host cannot be opened.

Administrator Response

Contact IBM customer technical support.

GEN0012E: Socket to host <computer name> closed prematurely.

Explanation

The Socket to the host was closed prematurely.

Administrator Response

Contact IBM customer technical support.

GEN0013E: Object read from host <computer name> is not Request -- it is.

Explanation

The object read from host is not a request.

Administrator Response

Contact IBM customer technical support.

GEN0014E: Object read from host <computer name> is not Response -- it is.

Explanation

The object read from the host is not a response.

Administrator Response

Contact IBM customer technical support.

GEN0015E: Socket to host <computer name> -- class not found.

Explanation

The socket to host class was not found.

Administrator Response

Contact IBM customer technical support.

GEN0016I: Above error occurred sending Request (*request type, request subtype*).

Explanation

The specified error occurred while sending a request.

GEN0017I: Above error occurred sending Request (*request type, request subtype*) (phase value).

Explanation

The specified error occurred while sending a request during the specified phase.

GEN0018I: Response received from host <computer name>.

Explanation

A response was received from the host.

GEN0019I: Above error occurred responding to Request (*request type, request subtype*).

Explanation

The specified error occurred responding to a request.

GEN0020I: Above error occurred reading data for Request (*request type, request subtype*).

Explanation

The specified error occurred while reading data from a request.

GEN0021E: Error closing socket to host <computer name>.

Explanation

An error occurred closing the socket to the host.

Administrator Response

Contact IBM customer technical support.

GEN0023E: Cannot rename *old file name* to *new file name*.

Explanation

The specified file cannot be renamed.

Administrator Response

Contact IBM customer technical support.

GEN0024I: On socket to host <computer name>.

Explanation

On socket to host.

GEN0025E: Request(*request type, request subtype*) was incomplete, but response said complete.

Explanation

The request was incomplete, but its response said it was complete.

Administrator Response

Contact IBM customer technical support.

GEN0026E: Request(*request type*, *request subtype*) was complete, but response said incomplete.

Explanation

The request was complete, but its response said it was incomplete.

Administrator Response

Contact IBM customer technical support.

GEN0027E: Cannot send incomplete response to single-phase Request(*request type*, *request subtype*).

Explanation

An incomplete response cannot be sent to single-phased Request.

Administrator Response

Contact IBM customer technical support.

GEN0028E: Tried to read data of single-phase Request(*request type*, *request subtype*).

Explanation

An error occurred trying to read data of a single-phased Request.

Administrator Response

Contact IBM customer technical support.

GEN0029E: Cannot open.

Explanation

The specified file cannot be opened.

Administrator Response

Contact IBM customer technical support.

GEN0030E: Cannot create listener on port *port number*.

Explanation

A listener on the port number cannot be created.

Administrator Response

Contact IBM customer technical support.

GEN0031E: Unroutable type-code.**Explanation**

An unroutable type-code was encountered.

Administrator Response

Contact IBM customer technical support.

GEN0032E: Unroutable sub-type.**Explanation**

An unroutable sub-type was encountered.

Administrator Response

Contact IBM customer technical support.

GEN0033W: SoTimeout failed -- host <computer name>.**Explanation**

The SoTimeout failed.

GEN0035E: Cannot seek to *position* on *file name*.**Explanation**

The file seek to the specified location cannot be completed.

Administrator Response

Contact IBM customer technical support.

GEN0036E: Cannot create.**Explanation**

The specified file cannot be created.

Administrator Response

Contact IBM customer technical support.

GEN0037E: Cannot create *file name*.**Explanation**

The specified file cannot create be created.

Administrator Response

Contact IBM customer technical support.

GEN0038W: Cannot delete *file name*.

Explanation

The specified file cannot be deleted.

GEN0039E: Unknown host *<computer name>*.

Explanation

The host is not known host.

Administrator Response

Contact IBM customer technical support.

GEN0040E: Cannot connect to *<computer name:port number>*.

Explanation

The specified host and port number cannot be connected to.

Administrator Response

Contact IBM customer technical support.

GEN0041E: System property *<property name>* is not defined.

Explanation

The System property specified is not defined.

Administrator Response

Contact IBM customer technical support.

GEN0042E: Error reading log-file *file name*.

Explanation

An error occurred while reading the specified log-file.

Administrator Response

Contact IBM customer technical support.

GEN0043E: Cannot find SM/DMI header in low memory.

Explanation

The SM/DMI header cannot be found in low memory.

Administrator Response

Contact IBM customer technical support.

GEN0044E: Cannot seek to physical memory address *address*.

Explanation

The seek to the specified physical memory address failed.

Administrator Response

Contact IBM customer technical support.

GEN0045E: No type-1 structure found.

Explanation

A type-1 structure was not found.

Administrator Response

Contact IBM customer technical support.

GEN0046E: Obsolete type-1 structure (no UUID).

Explanation

An Obsolete type-1 structure (no UUID) was found.

Administrator Response

Contact IBM customer technical support.

GEN0047E: Invalid or unset UUID.

Explanation

An invalid or unset UUID was found.

Administrator Response

This message indicates a condition that will not affect server startup and can be ignored.

GEN0048E: Cannot obtain system manufacturer.

Explanation

The system manufacturer cannot be obtained.

Administrator Response

Contact IBM customer technical support.

GEN0049E: Cannot open log file *file name*.

Explanation

The log file cannot be opened.

Administrator Response

Contact IBM customer technical support.

GEN0050E: Unable to connect to repository database.

Explanation

Unable to connect to repository database.

Administrator Response

Please check that the database is up and running and retry. In case the problem still exists contact IBM customer technical support.

GEN0052E: Cannot open directory *directory name*.

Explanation

The specified directory cannot be opened.

Administrator Response

Contact IBM customer technical support.

GEN0054E: Error creating pipe.

Explanation

An error occurred creating a pipe.

Administrator Response

Contact IBM customer technical support.

GEN0055E: Error sussing pipe.

Explanation

An error occurred while sussing pipe.

Administrator Response

Contact IBM customer technical support.

GEN0056E: Cannot perform operation *<operation>* on physical memory.

Explanation

The specified operation cannot be performed on physical memory.

Administrator Response

Contact IBM customer technical support.

GEN0057W: Windows message *message*.

Explanation

The specified Windows event has occurred.

Administrator Response

Visit the Microsoft Knowledge Base for more detailed information.

GEN0058W: Windows message *message: description*.

Explanation

The specified Windows event has occurred.

Administrator Response

Visit the Microsoft Knowledge Base for more detailed information.

GEN0067W: Cannot write to *pipe name*.

Explanation

The specified pipe cannot be written to.

GEN0068E: Cannot find binary module *module name*.

Explanation

The specified binary module cannot be found.

Administrator Response

Contact IBM customer technical support.

GEN0069E: Cannot find entry point *entry point name*.

Explanation

The specified entry point into the binary module cannot be found.

Administrator Response

Contact IBM customer technical support.

GEN0070E: Cannot find privilege *privilege name*.

Explanation

The specified privilege could not be found.

Administrator Response

Contact IBM customer technical support.

GEN0071E: Cannot open own token.**Explanation**

The process token could not be opened.

Administrator Response

Contact IBM customer technical support.

GEN0072E: Cannot assert privilege *privilege name*.**Explanation**

The specified privilege could not be asserted.

Administrator Response

Contact IBM customer technical support.

GEN0073E: Cannot look up network interfaces.**Explanation**

The network interfaces lookup failed.

Administrator Response

Contact IBM customer technical support.

GEN0074E: No Ethernet cards found.**Explanation**

No Ethernet cards were found.

Administrator Response

Contact IBM customer technical support.

GEN0075E: GetTokenInformation() failed.**Explanation**

The call to GetTokenInformation() failed.

Administrator Response

Contact IBM customer technical support.

GEN0076E: Not super-user.**Explanation**

The user is not a member of the administrators group.

Administrator Response

Contact IBM customer technical support.

GEN0077E: SetHandleInformation() failed.**Explanation**

The call to SetHandleInformation() failed.

Administrator Response

Contact IBM customer technical support.

GEN0078I: Trying token-ring.**Explanation**

Trying to locate a token-ring.

GEN0079E: socket() failed.**Explanation**

The call to socket() failed.

Administrator Response

Contact IBM customer technical support.

GEN0080E: Error looking up Ethernet card.**Explanation**

An error occurred while looking up the Ethernet card.

Administrator Response

Contact IBM customer technical support.

GEN0081W: No token-ring cards found.**Explanation**

No token-ring cards were found.

GEN0082W: Error looking up token-ring card.**Explanation**

An error occurred while looking up token-ring card.

GEN0083I: Trying Ethernet.**Explanation**

Trying to locate an Ethernet card.

GEN0084I: Hardware-ID obtained.**Explanation**

A Hardware-ID was obtained by querying the Ethernet Card.

GEN0096I: PID = *process identifier*.

Explanation

This is an informational message stating the Process Identification Number.

GEN0097E: Unable to retrieve hardware-ID.

Explanation

The hardware-ID was unable to be retrieved.

Administrator Response

Contact IBM customer technical support.

GEN0098E: Error processing request from host *<computer name>*, user *<user name>*, for service *<service name>*, request(*request type*, *request subtype*).

Explanation

An error occurred while processing request from the specified host and user, for the specified service request.

Administrator Response

Contact IBM customer technical support.

GEN0099W: Warning processing request from host *<computer name>*, user *<user name>*, for service *<service>*, request(*request type*, *request subtype*).

Explanation

A warning occurred while processing request from the specified host and user, for the specified service request.

GEN0100E: Error processing request from host *<computer name>*, for service *<service>*, request(*request type*, *request subtype*).

Explanation

An error occurred while processing request from the specified host and user, for the specified service request.

Administrator Response

Contact IBM customer technical support.

GEN0101W: Warning processing request from host <computer name>, for service <service>, request(request type, request subtype).

Explanation

A warning occurred while processing request from the specified host and user, for the specified service request.

GEN0102E: Missing t_identifiers row. ID type *id number*.

Explanation

The t_identifiers rows with the specified ID type were not found during an update.

Administrator Response

Contact IBM customer technical support.

GEN0104E: Not enough virtual memory.

Explanation

A system call to allocate memory failed because there is not enough virtual memory.

Administrator Response

Contact IBM customer technical support.

GEN0105E: Unable to send internal job results to T-Time Schedule : *scheduler*, Job: *job name* Run Number: *run number*.

Explanation

Unable to send internal job results to the specified T-Time Schedule, Job and Run Number.

Administrator Response

Contact IBM customer technical support.

GEN0106E: Unable to obtain local hostname. *hostname*.

Explanation

The specified local hostname was not able to be obtained.

Administrator Response

Contact IBM customer technical support.

GEN0107E: Unable to obtain SNMP datagram socket.

Explanation

The SNMP datagram socket was not able to be obtained.

Administrator Response

Contact IBM customer technical support.

GEN0108E: Unable to send SNMP trap datagram.

Explanation

The SNMP trap datagram was not able to be obtained.

Administrator Response

Contact IBM customer technical support.

GEN0110E: Unable to read reply from SMTP server *server name*.

Explanation

A reply was unable to be read from the specified SMTP server.

Administrator Response

Contact IBM customer technical support.

GEN0111E: Error processing SMTP command *command* Server reply: *error message*.

Explanation

An error occurred processing the specified SMTP command.

Administrator Response

Contact IBM customer technical support.

GEN0112E: Unable to write to SMTP server *server name*.

Explanation

An error occurred while trying to write to the specified SMTP server.

Administrator Response

Contact IBM customer technical support.

GEN0113E: Unable to connect to SMTP server *server name* Unknown host.

Explanation

An error occurred while trying to connect to the specified SMTP server because the host was unknown.

Administrator Response

Contact IBM customer technical support.

GEN0114E: Unable to connect to SMTP server <*server name:run number*>.

Explanation

An error occurred while trying to connect to the specified SMTP server.

Administrator Response

Contact IBM customer technical support.

GEN0115E: SNMP server *server name* **is unknown.**

Explanation

The specified SNMP server is unknown.

Administrator Response

Contact IBM customer technical support.

GEN0125E: Requested Report invalid: *report name/report number*.

Explanation

The requested Report is not an available type of report.

Administrator Response

Contact IBM customer technical support.

GEN0126W: Unable to determine Data Manager home directory.

Explanation

The Data Manager home directory was not able to be determined.

GEN0127W: *job creator.job name* job messages will be logged to the Data Manager log file.

Explanation

The specified job's messages will be logged to the Data Manager log file.

**GEN0128E: License key must be in format
xxxxxx-xxxxxx-xxxxxx-xxxxxx.**

Explanation

The license key entered was not entered correctly. The license key must be in format xxxxxx-xxxxxx-xxxxxx-xxxxxx.

Administrator Response

Contact IBM customer technical support.

GEN0129E: License key characters must be 0-9 or A-Z excluding E, I, O, U.

Explanation

The license key entered was not entered correctly. License key characters must be 0-9 or A-Z excluding E, I, O, U.

Administrator Response

Contact IBM customer technical support.

GEN0130E: License key checksum is incorrect - key is invalid.

Explanation

The license key entered was not entered correctly. The license key checksum is incorrect.

Administrator Response

Contact IBM customer technical support.

GEN0131E: Unable to open file *file name*.

Explanation

The specified file could not be opened.

Administrator Response

Contact IBM customer technical support.

GEN0132E: Error parsing *file name*. Unrecognized section name: *section name*.

Explanation

An error occurred parsing the specified file. An unrecognized section name was found.

Administrator Response

Contact IBM customer technical support.

GEN0133E: Error reading file *file name*.

Explanation

An error occurred reading the specified file.

Administrator Response

Contact IBM customer technical support.

GEN0134E: Error parsing file *file name* Unrecognized token *token name* in section *section name*.

Explanation

An error occurred parsing the specified file. An unrecognized token was found in the specified section.

Administrator Response

Contact IBM customer technical support.

GEN0135E: Error - file *file name* appears to be truncated.

Explanation

An error occurred while reading the configuration file, the file appears to be truncated.

Administrator Response

Contact IBM customer technical support.

GEN0136E: Not enough agent licenses to run job.

Explanation

There are not enough agent licenses to run job.

Administrator Response

Contact IBM customer technical support.

GEN0137E: *product name* license has expired.

Explanation

The specified license has expired.

Administrator Response

Contact IBM customer technical support.

GEN0139E: *product name* is not installed on agent *agent name*.

Explanation

The specified product is not installed on the agent.

Administrator Response

Contact IBM customer technical support.

GEN0140E: *product name* is not licensed for agent *agent name*.

Explanation

The specified product is not licensed for the specified agent.

Administrator Response

Contact IBM customer technical support.

GEN0141E: License key *key* is invalid.

Explanation

The license key specified is invalid.

Administrator Response

Contact IBM customer technical support.

GEN0143E: *key* license key is expired.

Explanation

The license key for the specified product is expired.

Administrator Response

Contact IBM customer technical support.

GEN0148E: Unknown product on *computer name*.

Explanation

An unknown product was found on the specified host.

Administrator Response

Contact IBM customer technical support.

GEN0149E: *product name* is at release *release level* on agent *name* and at release *release level* on the server.

Explanation

A release mismatch exists. The specified product release differs on the server and Agent.

Administrator Response

Contact IBM customer technical support.

GEN0151I: *product name vversion.release.modification*.

Explanation

This is an informational message displaying the Version, Release and Modification of the specified product.

GEN0152E: Error writing *file name*.

Explanation

An error occurred writing to the specified file.

Administrator Response

Contact IBM customer technical support.

GEN0153E: Error serializing to file name *file name*.

Explanation

An error occurred serializing to the specified file.

Administrator Response

Contact IBM customer technical support.

GEN0154E: Unable to retrieve cached report data Error reading *file name*.

Explanation

An error occurred while reading from the specified file and so the cached report was unable to be retrieved.

Administrator Response

Contact IBM customer technical support.

GEN0155E: Unable to retrieve cached report data Error deserializing from *file name*.

Explanation

An error occurred while deserializing the data from the specified file and so the cached report was unable to be retrieved.

Administrator Response

Contact IBM customer technical support.

GEN0156E: Unable to retrieve cached report data Premature end of file -- *file name*.

Explanation

An error occurred while reading from the specified file and so the cached report was unable to be retrieved.

Administrator Response

Contact IBM customer technical support.

GEN0157E: Unable to retrieve cached report data Class *class name* not found restoring from *file name*.

Explanation

An error occurred while reading from the specified file and so the cached report was unable to be retrieved.

Administrator Response

Contact IBM customer technical support.

GEN0158E: Unable to retrieve cached report data Object restored from *class name* is not *file name*; it's.

Explanation

The cached report was unable to be restored from the specified file, the report that was restored is not the correct report.

Administrator Response

Contact IBM customer technical support.

GEN0159E: Unable to retrieve cached report data Your request was interrupted. Processing terminated.

Explanation

The cached report was unable to be restored it was interrupted during processing.

Administrator Response

Contact IBM customer technical support.

GEN0160E: Cached report data is no longer available on the server. Generate the report again. Cannot open.

Explanation

The cached report data is no longer available on the server. Generate the report again.

Administrator Response

If this message is received for a batch report, try increasing the batchPartitionWaitRetryCount property in the TPCD.config file. Otherwise, contact IBM customer technical support.

GEN0161E: Error setting permissions on *file name*.

Explanation

An error occurred while trying to set permissions on the specified file.

Administrator Response

Contact IBM customer technical support.

GEN0162E: Error retrieving FD flags.

Explanation

An error occurred while retrieving the file descriptor flags.

Administrator Response

Contact IBM customer technical support.

GEN0163E: Error setting FD flags.

Explanation

An error occurred while setting the file descriptor flags.

Administrator Response

Contact IBM customer technical support.

GEN0164E: Write timed out.

Explanation

The write timed out.

Administrator Response

Contact IBM customer technical support.

GEN0165E: poll() failed.

Explanation

The poll() command failed.

Administrator Response

Contact IBM customer technical support.

GEN0166E: write() failed.

Explanation

The write() command failed.

Administrator Response

Contact IBM customer technical support.

GEN0167E: SO_SNDTIMEO failed.

Explanation

The SO_SNDTIMEO command failed.

Administrator Response

Contact IBM customer technical support.

GEN0172E: Error processing Request*(request type, request subtype).*

Explanation

An error occurred processing the specified request.

Administrator Response

Contact IBM customer technical support.

GEN0173E: Java Error in readObject(): *error message.*

Explanation

The specified error occurred in the readObject() routine.

Administrator Response

Contact IBM customer technical support.

GEN0174E: requestData is: *class name.*

Explanation

The requestData class is as specified.

Administrator Response

Contact IBM customer technical support.

GEN0175E: writeObject() failed writing: *error message.*

Explanation

The writeObject() command failed while trying to write the specified class.

Administrator Response

Contact IBM customer technical support.

GEN0176E: responseData was: *class name.*

Explanation

The requestData class is as specified.

Administrator Response

Contact IBM customer technical support.

GEN0177E: Java Error in writeObject: *error message.*

Explanation

The writeObject() command failed while trying to write the specified class.

Administrator Response

Contact IBM customer technical support.

GEN0178E: GuiReportReq report(*report type*, *report subtype*).

Explanation

The requested report and report subtype.

Administrator Response

Contact IBM customer technical support.

GEN0179E: GuiListReq listRequested(*type*).

Explanation

The type of GUI List Requested.

Administrator Response

Contact IBM customer technical support.

GEN0180W: A license key exists for *product name*, but the software is not installed.

Explanation

A license key exists for the specified product, but the software is not installed.

GEN0181E: Error - duplicate rows found for agent *agent name*.

Explanation

Duplicate rows were found for the specified agent.

Administrator Response

Contact IBM customer technical support.

GEN0182I: TsName: *name*, Manufacturer: *manufacturer*, HwID: *hardware id*.

Explanation

This is an informational message logging the name, manufacturer and hardware id of the agent.

GEN0184E: License key is invalid for this software release.

Explanation

The license key entered is invalid for this software release of the product.

Administrator Response

Contact IBM customer technical support.

GEN0197E: Bad magic number.

Explanation

Bad magic number.

Administrator Response

Contact IBM customer technical support.

GEN0198I: *product component* starting.

Explanation

An informational message specifying which part of the product has started.

GEN0199E: The license key for this product has been deleted.

Explanation

The license key for this product has been deleted.

Administrator Response

Contact IBM customer technical support.

GEN0200E: Not enough licenses to license all requested agents.

Explanation

More licenses are needed to license all requested agents.

Administrator Response

Contact IBM customer technical support.

GEN0201W: *operating system* : License not present or expired.

Explanation

The specified Operating System does not have a license present or it is expired.

GEN0222W: Cannot find binary module *module name*.

Explanation

The specified binary module cannot be found.

Administrator Response

Contact IBM customer technical support.

GEN0223W: Cannot find entry point *entry point name*.

Explanation

The specified entry point into the binary module cannot be found.

Administrator Response

Contact IBM customer technical support.

GEN0304E: Failed to read the stream header.

Explanation

The stream header of the Socket Message could not be read.

Administrator Response

Contact IBM customer technical support.

GEN0305E: Failed to decrypt input stream.

Explanation

The input stream message could not be decrypted.

Administrator Response

Contact IBM customer technical support.

GEN0306E: Authentication failed from *host:request type request subtype*.

Explanation

Authentication failed from host.

Administrator Response

Contact IBM customer technical support.

GEN0307E: Request not allowed from a cryptable stream *request type,request subtype*.

Explanation

Request not allowed from a cryptable stream.

Administrator Response

Contact IBM customer technical support.

GEN0308E: Failed to write the stream header.

Explanation

Failed to write the stream header.

Administrator Response

Contact IBM customer technical support.

GEN0309E: Failed to re-authenticate.**Explanation**

Failed to re-authenticate.

Administrator Response

Contact IBM customer technical support.

GEN0310E: Failed to encrypt input stream.**Explanation**

Failed to encrypt input stream.

Administrator Response

Contact IBM customer technical support.

GEN0311E: Authentication failed.**Explanation**

Authentication failed.

Administrator Response

Contact IBM customer technical support.

GEN0329E: Failed to authenticate the user <user ID>.**Explanation**

An error occurred when authenticating the user to the server.

Administrator Response

Verify the user ID, password, and server specified in the Sign On dialog are correct. If the server has multiple host names, please enter the primary host name.

GEN0332E: Unable to connect to host *hostname*, port *port*.**Explanation**

An I/O error occurred when connecting to the specified host and port.

Administrator Response

Verify network connectivity to the specified host and port.

GEN0400I: Probe aborted.**Explanation**

The probe was aborted.

GEN0557E: An OS error occurred.**Explanation**

An unexpected OS error occurred. Error information will be logged.

Administrator Response

Contact IBM customer technical support.

GEN0558E: An IO error occurred.**Explanation**

An unexpected IO error occurred. Error information will be logged.

Administrator Response

Contact IBM customer technical support.

GEN1001I: The export utility allows you to migrate profile, constraint and batch report definitions from one IBM Tivoli Storage Productivity Center for Data server to another. The Valid command line arguments are describe below: To export user defined objects to a file: -e target-file-name To import previously exported data: -i source-file-name.

Explanation

The export utility allows you to migrate profile, constraint and batch report definitions from one IBM Tivoli Storage Productivity Center for Data server to another. The Valid command line arguments are describe below: To export user defined objects to a file: -e target-file-name To import previously exported data: -i source-file-name.

GEN1002E: Unable to close file *file name*.**Explanation**

Unable to close the specified file.

Administrator Response

Contact IBM customer technical support.

GEN1003I: Exporting profile *profile name*.**Explanation**

The specified profile is being exported.

GEN1004I: Exporting constraint *constraint name*.**Explanation**

The specified constraint is being exported.

GEN1005I: Importing profile *profile creator.profile name.*

Explanation

The specified profile is being imported.

GEN1006I: Importing constraint *constraint creator.constraint name.*

Explanation

The specified constraint is being imported.

GEN1007I: Export completed successfully.

Explanation

The export completed successfully.

GEN1008I: Exporting to file *file name.*

Explanation

Exporting to the specified file.

GEN1009I: Importing from file *file name.*

Explanation

Importing from the specified file.

GEN1010I: Import completed with errors.

Explanation

The import has completed with errors.

GEN1011I: Import completed successfully.

Explanation

The import has completed successfully.

GEN1012E: Unrecognized object type: *object type.*

Explanation

The specified object type is an unrecognized object type.

Administrator Response

Contact IBM customer technical support.

GEN1013E: Unable to import *header creator.header namen.*

Explanation

Unable to import object.

Administrator Response

Contact IBM customer technical support.

GEN1014I: Exporting batch report *report name*.

Explanation

The specified batch report is being exported.

GEN1015I: Importing batch report *report creator.report name*.

Explanation

The specified batch report is being imported.

GEN1016E: Unable to locate batch report profile/constraint Batch report *report creator.report name* not imported.

Explanation

Unable to locate the specified batch report profile/constraint. The batch report was not imported.

Administrator Response

Contact IBM customer technical support.

GEN1017E: Unable to determine server's computerID.

Explanation

The server's computerID was not able to be determined.

Administrator Response

Contact IBM customer technical support.

GEN1018I: No user defined objects exist to export.

Explanation

No user defined objects exist to export.

GEN1019I: Empty input file. No objects were imported.

Explanation

The input file was empty. No objects were imported.

GEN1022I: Unexpected EOF encountered while reading input Export terminated.

Explanation

While reading the input an unexpected EOF was encountered so the export was terminated.

GEN1023E: Unable to read user input.

Explanation

Unable to read user input.

Administrator Response

Contact IBM customer technical support.

GEN1024I: Exporting computer group *group name*.

Explanation

The computer group is being exported.

GEN1025I: Exporting filesystem group *group name*.

Explanation

The filesystem group is being exported.

GEN1027I: Exporting tablespace group *group name*.

Explanation

The tablespace group is being exported.

GEN1028I: Importing group *group creator.group name*.

Explanation

The specified group is being imported.

**GEN1029E: Unable to locate dependent group Constraint
group creator.group name not imported.**

Explanation

The dependent group constraint could not be located and therefore was not imported.

Administrator Response

Contact IBM customer technical support.

**GEN1030E: *product name* is not licensed on computer
computer name.**

Explanation

The specified product is not licensed on the specified computer.

Administrator Response

Contact IBM customer technical support.

GEN1034I: GeneralException message text follows:*error message.*

Explanation

An informational message displaying the General Exception message.

GEN1035W: *storage subsystem name* is no longer monitored by Data Manager.

Explanation

The specified storage subsystem is no longer monitored by Data Manager.

Administrator Response

Verify that the CIM/OM where the storage subsystem is defined has correctly been saved in the IBM Tivoli Storage Productivity Center for Data CIM/OM Login Administration panel. If necessary, verify that the login information is correct.

GEN5001W: Not all statistics could be saved due to unlicensed computer(s). See TPCD log for details.

Explanation

Not all statistics could be saved due to unlicensed computers.

GEN6013E: OS Error *errno*: *error description*

Explanation

The installer or agent has encountered an OS specific error.

Administrator Response

Contact IBM customer technical support.

GEN6014W: OS Error *errno*

Explanation

The installer or agent has encountered an OS specific error.

Administrator Response

Contact IBM customer technical support.

GEN6015E: Unable to load JAVA.DLL

Explanation

The installer or agent failed to load the JAVA.DLL library.

Administrator Response

Contact IBM customer technical support.

GEN6016E: Unable to find symbol *module symbol* in JAVA.DLL
Explanation

The installer or agent failed to find the symbol in the JAVA.DLL library.

Administrator Response

Contact IBM customer technical support.

GEN6017E: Executable file is null
Explanation

The path to the executable file is null.

Administrator Response

Contact IBM customer technical support.

GEN6018E: stat(*file path*) failed.
Explanation

The file status stat() command failed.

Administrator Response

Contact IBM customer technical support.

GEN6019E: chmod(*file path*) failed.
Explanation

The change of permissions mode chmod() command failed.

Administrator Response

Contact IBM customer technical support.

GEN7084E: Failed to bind the device server configuration analysis proxy.
Explanation

An error occurred when trying to bind to the configuration analysis service on the device server.

Administrator Response

Check if the device server is up and running. Then check if the configuration analysis service within device server is up and running. Contact your IBM Support representative if the problem still persists.

GEN7085E: Failed to bind the device server policy component of configuration analysis proxy.

Explanation

An error occurred when trying to bind to the configuration analysis service on the device server.

Administrator Response

Check if the device server is up and running. Then check if the configuration analysis service within device server is up and running. Contact your IBM Support representative if the problem still persists.

GEN7086E: The configuration analysis ID [*id*] was modified by someone else. Please try again from the beginning.

Explanation

An error occurred when trying to save the configuration analyzer details to Tivoli Storage Productivity Center database because another user was trying to modify the same analyzer definition using another instance of Tivoli Storage Productivity Center GUI.

Administrator Response

Ensure that a configuration analyzer definition is modified by only one user at a time to avoid this race condition.

GEN7087E: The configuration analysis request mode [*mode*] is invalid.

Explanation

An invalid mode parameter was sent by Tivoli Storage Productivity Center GUI.

Administrator Response

Contact your IBM Support representative.

GEN7088E: A device server error occurred while trying to execute the configuration analysis job.

Explanation

A portion of the configuration analysis job execution is performed by the configuration analysis service in device server. An error occurred in this configuration analysis service component during the execution of the job.

Administrator Response

This message will display the device server error code that has occurred. See the explanation for that error code to resolve the problem.

GEN7089E: A remote exception occurred while trying to execute the configuration analysis job.

Explanation

A remote exception occurred during the execution of the configuration analysis job.

Administrator Response

Check if the device server is up and running. Then check if the configuration analysis service within device server is up and running. Contact your IBM Support representative if the problem still persists.

GEN7090E: The configuration analysis job run already in progress. Exiting.

Explanation

Another run of this configuration analysis is already in progress. Only one run can be active for each configuration analysis definition.

Administrator Response

Ensure that the previous job runs have completed.

GEN7091E: The configuration analysis job run completed with errors.

Explanation

This job run of the configuration analysis completed with errors.

Administrator Response

Check the configuration analysis job log to determine where the error occurred.

GEN7092I: The configuration analysis job run completed successfully.

Explanation

An informational message confirming that the configuration analysis job run has completed successfully.

GEN7093I: No policy violations occurred during this configuration analysis job run.

Explanation

An informational message confirming that no policy violations occurred during this configuration analysis job run.

GEN7094I: *NumPVs* policy violations occurred during this configuration analysis job run.

Explanation

An informational message confirming the total number of policy violations occurred during this configuration analysis job run.

GEN7095I: The configuration analysis policy [*policyName*] got violated *NumPVs* times.

Explanation

An informational message confirming the number of policy violations for a given policy occurred during this configuration analysis job run.

GEN7096I: The configuration analysis job run has started.

Explanation

An informational message confirming that the configuration analysis job run has started.

**GEN7097I: The configuration analysis policy:
name=*policyName*, description=*policyDescription***

Explanation

An informational message displaying the name and description for a policy which was selected in this configuration job.

GEN7098I: The data scope for this configuration analysis job run: *dataScope*.

Explanation

An informational message displaying the data scope for this configuration job run.

GEN7099E: An error occurred while generating a *id* ID.

Explanation

An internal error occurred while trying to generate an internal configuration analysis ID.

Administrator Response

Contact your IBM Support representative.

GEN7101W: Only the first *numPVs* policy violations are saved in the database and are viewable in Topology Viewer. The remaining *numRemainingPVs* policy violations are discarded. Please resolve these policy violations first in order to view the remaining policy violations during the next analyzer run.

Explanation

If a large number of policy violations occur during a configuration analysis job run, then only the first few policy violations will be displayed for scalability purposes.

Administrator Response

Select fewer policies or specify a smaller data scope in the configuration analysis job to reduce the number of policy violations and avoid this warning message.

GEN7102I: The configuration analysis policy violation details can be viewed in the Alert overlay within the topology viewer.

Explanation

An informational message displaying that the configuration analysis policy violation details can be viewed in topology viewer.

GEN7105E: The fabric *fabricName* specified in the data scope for this configuration analysis job run no longer exists in the Tivoli Storage Productivity Center database.

Explanation

The fabric specified in the data scope for this configuration analysis job run no longer exists in the TPC database. Please select a valid data scope.

Administrator Response

Check whether the fabric was manually removed from the Tivoli Storage Productivity Center database. Select another valid data scope if the fabric no longer exists in the customer environment.

GEN7106E: The zone set *zonesetName* specified in the data scope for this configuration analysis job run no longer exists in the Tivoli Storage Productivity Center database.

Explanation

The zone set specified in the data scope for this configuration analysis job run no longer exists in the Tivoli Storage Productivity Center database. Please select a valid data scope.

Administrator Response

Check whether the zone set was manually removed from the Tivoli Storage Productivity Center database. Select another valid data scope if the zone set no longer exists in the customer environment.

GEN7107I: The following configuration analysis policies have been selected:

Explanation

An informational message header printed in the configuration analysis job log.

GPC

GPC000001E: The selected profile *profile* is a system-defined profile and cannot be deleted.

Explanation

System action

Administrator Response

GPC000002E: The selected profile *profile* is a system-defined profile and cannot be updated.

Explanation

System action

Administrator Response

GPC000003E: There is no ESS performance data collected, create workload profile Wizard can not continue.

Explanation

System action

Administrator Response

GPC000150W: Analyzing all the volume performance data may take a long time to complete.

Explanation

System action

Administrator Response

GPC000200E: Based on the current choices, no devices can be included in the analysis.

Explanation

After excluding the subsystems with missing host ports, there are no devices available for analysis. A new selection of subsystems and host port combinations is required.

System action

Administrator Response

GPC000201E: There is no ESS performance data collected, Volume Performance Advisor Wizard can not continue.

Explanation

System action

Administrator Response

GPC000350I: Volume size may round up to multiple of 100 MB.

Explanation

System action

Administrator Response

GPC00400E: Subsystem type for *type identifier* does not match the subsystem type in selected list.

Explanation

The device selected in the source list does not have the same subsystem type in the selected list.

System action

Administrator Response

GPC00401E: Duration value is not specified.

Explanation

Duration value is not specified. Please specify a value.

System action

Administrator Response

GPC00800E: The value entered for the number of rows is incorrect.

Explanation

The user entered a non-integer value for the number of rows.

System action

Administrator Response

GPC00801E: The selected metrics do not have same unit type. Charts only display metrics with the same unit type.

Explanation

The charts display a single Y-Axis listing the metric unit types, hence the charts only display the metrics of the same unit type.

System action

Administrator Response

GPC00802E: The selected charting metrics do not have same chart type. Chart and History Chart options cannot be mixed.

Explanation

There is a choice to display batch chart or batch history chart reports, options for both chart types cannot be mixed.

System action

Administrator Response

GPC00803E: Performance reports can only be saved with 300 or less explicitly specified components. To save the report either select all components or select no more than 300.

Explanation

The database is limited in the number of components a saved report can contain. The limit is either 300 user-specified components or all components. All components can be saved in the report since a flag is used to indicate the condition rather than an entry for each component.

System action

Administrator Response

GPC00804E: Please enter a relative time higher than zero.

Explanation

The relative time in days to display the historic performance data should be higher than zero.

System action

Administrator Response

GPC00950I: There is no data to be charted.

Explanation

There is no data available for the requested chart.

System action

Administrator Response

GPC00951I: No metrics were selected.

Explanation

No metrics were selected when this report was generated.

System action

Administrator Response

GPC00952I: No drill-up available for this component.

Explanation

Drill-up is not available for this component.

System action

Administrator Response

GPC00953I: None of the selected metrics apply for all the report components.

Explanation

A metric can be charted only if it applies to each component in the report.

System action

Administrator Response

GPC00954I: None of the selected metrics apply for all selected components.

Explanation

A metric can be charted only if it applies to each selected component.

System action

Administrator Response

GPC00955I: None of the selected metrics apply for all the report components or for all selected components.

Explanation

A metric can be charted only if it applies for each component in the report or for each selected component.

System action

Administrator Response

GPC00956I: Subsystem port constraint violations do not support the affected volumes report.

Explanation

Affected volumes reports are not generated for metrics associated with the subsystem port component.

System action

Administrator Response

GPC00957I: The maximum limit of *max no of rows* displayable rows for a performance report has been reached. If a larger report is required rerun the report as a batch report, alternatively redefine the report to return less data. The amount of report data can be reduced by using a smaller time window, working with less components, applying filters when defining the report or using the aggregated hourly or daily report data rather than the sample data.

Explanation

The TPC GUI has to limit the number of rows in a performance report to avoid heapdumps caused by large reports.

System action

No actions required. The report will stop loading to avoid a heapdump.

Administrator Response

If the user wishes to view more data than the default 100000 rows in the GUI, the user can modify data server's TPCD.config parameter, pmReportRowLimit. To avoid the GUI running out of memory the GUI's max heapsize should also be increased.

GPC50000E: Fabric type for *fabric type identifier* does not match the fabric type in selected list.

Explanation

The device selected in the source list does not have the same subsystem type in the selected list.

System action

Administrator Response

GUI0022M: Unknown error encountered - no response received.

Explanation

An Unknown error was encountered so no response was received.

GUI0023M: Socket error.

Explanation

A socket error has occurred.

GUI0056E: Object-names cannot contain periods.

Explanation

Object-names cannot contain periods.

Administrator Response

Contact IBM customer technical support.

GUI0244M: A login ID must be supplied for Login Notification.

Explanation

A login ID must be supplied for Login Notification.

GUI0246M: At least one recipient must be supplied for e-mail notification.

Explanation

At least one recipient must be supplied for e-mail notification.

GUI0249E: *object* cannot be selected. Only the green items can be selected.

Explanation

The specified object cannot be selected. Only the green items can be selected in the tree.

Administrator Response

Contact IBM customer technical support.

GUI0262E: A run day must be selected.

Explanation

A run day must be selected.

Administrator Response

Contact IBM customer technical support.

GUI1620E: That filter is already a member of this group.

Explanation

You cannot define duplicate filters for a group.

Administrator Response

Enter a unique filter pattern.

GUI1621I: No Resources are selected in Current Selections.

Explanation

The Current Selection tree is empty. You have to make selections from the Available tree in order to view any resources

Administrator Response

Make selections from the Available tree in order to view any resources associated with those selections.

GUI2016E: INTERNAL ERROR -- Unrecognized object-type (*object number*).

Explanation

An internal error has occurred, the identifying number of the object is unrecognized.

Administrator Response

Contact IBM customer technical support.

GUI2038M: Invalid Alert-Type -- *alert number*.

Explanation

The number representing the type of alert is invalid.

GUI2060E: A host for SNMP traps must be specified.

Explanation

A host for SNMP traps must be specified.

Administrator Response

Contact IBM customer technical support.

GUI2061E: An e-mail (SMTP) server must be specified.

Explanation

An e-mail (SMTP) server must be specified.

Administrator Response

Contact IBM customer technical support.

GUI2062E: A default e-mail domain must be specified.

Explanation

A default Mail domain must be specified.

Administrator Response

Contact IBM customer technical support.

GUI2063E: A reply-to address must be specified.

Explanation

A reply-to address must be specified.

Administrator Response

Contact IBM customer technical support.

GUI2064E: A return-to (bounce) address must be specified.

Explanation

A return-to (bounce) address must be specified.

Administrator Response

Contact IBM customer technical support.

GUI2076E: The alert specifies that a script run, but none is defined.

Explanation

The alert specifies that a script run, but none is defined.

Administrator Response

Contact IBM customer technical support.

GUI2086E: Runs to keep must be positive.

Explanation

The number of runs to keep must be a positive number.

Administrator Response

Contact IBM customer technical support.

GUI2087E: Days to keep must be positive.

Explanation

The number of days to keep must be a positive number.

Administrator Response

Contact IBM customer technical support.

GUI2093E: A host for Tivoli Event Console traps must be specified.

Explanation

A host for Tivoli Event Console traps must be specified.

Administrator Response

Contact IBM customer technical support.

GUI6005E: A number of days must be specified.

Explanation

A number of days must be specified.

Administrator Response

Contact IBM customer technical support.

GUI6019E: You have exceeded the maximum length for a filter (128 characters).

Explanation

Filters can be a maximum of 128 characters in length.

Administrator Response

Enter a filter with size of 128 or less characters.

GUI8000I: Delete group *group* from role *role*?

Explanation

Confirm you wish to delete the group from the role.

GUI8001I: Edit group for role *role*?

Explanation

Edit the group name and confirm the edit.

GUI8100I: Delete CIMOM *CIMOMID*?

Explanation

Confirm intent to delete the named CIMOM.

GUI8101E: Connection test to CIMOM *CIMOMIDFAILED* due to *CIMOMConnectionStatus*. Please make sure the CIMOM IP address and port are filled in correctly.

Explanation

The connection test to the named CIMOM failed.

GUI8101I: Connection test to CIMOM *CIMOMIDFAILED* due to *CIMOMConnectionStatus*

Explanation

The connection test to the named CIMOM failed. Please make sure that the CIMOM is running, accessible over the network, and that the correct username or password was entered on the Administrative Services > Data Sources > CIMOM Agents panel. If the error continues, contact your system administrator.

GUI8102I: Connection test to CIMOM *CIMOMIDPASSED*

Explanation

The connection test to the named CIMOM passed.

GUI8103E: Password confirmation does not match password

Explanation

The CIMOM password entered does not match the confirmation password. Please re-enter.

GUI8104E: No remote proxy for CIMOM service available

Explanation

A request to access the CIMOM management service on the Device Server has returned a NULL value unexpectedly.

GUI8203E: Could not load user defined element managers due to the following error: *Error*

Explanation

The file of user defined element managers cannot be loaded and is probably corrupt.

Administrator Response

If the file is corrupt, shutdown the GUI, Delete or rename the existing file, then restart the GUI. The user will have to re-enter any user defined element managers. Additional diagnostics are provided in the error message.

GUI8204E: Could not save user defined element managers due to the following error: *Error*

Explanation

The file of user defined element managers cannot be save.

Administrator Response

Possible causes are file system full, or read only file system. Additional diagnostics are provided in the error message.

GUI8205E: Could not launch user defined element managers due to the following error: *Error*

Explanation

An exception was thrown while trying to launch the user defined element manager.

Administrator Response

Possible causes are the system is out of memory, out of processes, or some other resource or configuration problem. Additional diagnostics are provided in the error message.

GUI8206E: Could not load element manager configuration due to the following error: *Error*

Explanation

The users custom element manager launch configuration could not be loaded.

Administrator Response

Possible causes are the system is out of memory, out of processes, or some other resource or configuration problem. Additional diagnostics are provided in the error message.

GUI8207E: Could not save element manager configuration due to the following error: *Error*

Explanation

The user's custom element manager launch configuration could not be saved.

Administrator Response

Possible causes are file system full, or read only file system. Additional diagnostics are provided in the error message.

GUI8208E: An error occurred while getting the information for device services.

Explanation

An error occurred that prevents the page from being shown.

Administrator Response

Contact IBM customer technical support.

GUI8210E: The IP address entered is invalid.

Explanation

The IP address should be in the format #.#.#.# where # can be 0-255.

Administrator Response

Enter a properly formatted IP address.

GUI8212E: IP addresses not found.

Explanation

TPC could not find any saved IP addresses.

Administrator Response

Three common possibilities for this are: 1. Changes have been submitted but have not yet been processed. 2. There are no IP addresses saved. 3. Changes made to the GUI have not yet been submitted. IP addresses can be saved by typing them in on the options tab, pressing "Add", and saving the page.

GUI8214E: Login failed for user.

Explanation

The User ID entered is not a member of an operating system group that is mapped to an IBM Tivoli Storage Productivity Center role.

Administrator Response

One of the following actions can be taken:

- Login with a User ID that belongs to a mapped group.
- Add the user to a mapped group. Mapped groups can be accessed by superuser or product administrator under Administrative Services - Configuration node.
- Add one of the user's groups to the mapped groups.

GUI8214M: With these settings, no CIMOM discovery will be performed. To perform CIMOM discovery, check "Scan local subnet", enter SLP directory agents, or both.

Explanation

The user has not manually entered any SLP DAs and "Scan local subnet" is disabled. The user has also not added CIMOMs via the CIMOM Agent's "Add" menu.

Administrator Response

To enable CIMOM discovery, either enter SLP directory agents, check "Scan local subnet", or both. Alternatively, right-click the CIMOM Agents node and press "Add" to manually add CIMOMs.

GUI8245E: Incorrect window name provided. Provide a correct window name.

Explanation

The window with provided window name cannot be launched.

Administrator Response

Provide a correct window name.

GUI8246E: Incorrect option for help. Proper syntax is {0} -help functions.

Explanation

The syntax for help command is incorrect.

Administrator Response

Check the syntax of the help command and provide proper command.

GUI8247E: Improper usage.

Explanation

The syntax for the command is incorrect.

Administrator Response

The syntax to start TPC from command line is:

```
(tpc.bat/TPCD.sh)
-user [userid]
-passwd [password]
-encpasswd ["password"]
-encmethod [encryption method]
-function [windowname]
-server [servername:XXXX]
-servers ["servername1:XXXX,servername2:XXXX,servername3:XXXX"]
```

Where:

```
-user [userid];
    userid of the user who is logging in.
-passwd [password];
    clear text password of the [userid] specified using the -user parameter.
-encpasswd ["password"];
    encrypted password of the [userid] within quotes.
-encmethod [encryption method];
    encryption method used. Permissible values are TEP and TPC (default).
-function [windowname];
    specifies TPC GUI window to display (see below). If omitted the dashboard
    view will be displayed.
-server [servername:XXXX];
    the name of the TPC server to connect to on port XXXX.
-servers ["servername1:XXXX,servername2:XXXX,servername3:XXXX"];
    list of the names of the TPC servers to connect to on port XXXX, within
    quotes and separated by comma.
```

The following table shows the navigation tree nodes that can be launched and the corresponding [windowname].

| | |
|-------------------------------------|--------------------------------|
| AdministrativeServices->DataSources | |
| ->CIMOMAgents | :datasource.cimom |
| ->Data/StorageResourceAgents | :datasource.data |
| ->InbandFabricAgents | :datasource.inband_fabric |
| ->OutOfBandFabricAgents | :datasource.out_of_band_fabric |
| ->TPCServers | :datasource.tpc_servers |
| ->VMwareVIDataSource | :datasource.vmware |

```

IBM TivoliStorageProductivityCenter->Alerting->AlertLog
->All :alert.all
->AlertsDirectedtoUser :alert.alerts_directed_to_user
->StorageSubSystem :alert.storage_subsystem
->Computer :alert.computer
->Disk :alert.disk
->FileSystem :alert.filesystem
->Directory :alert.directory
->User :alert.user
->OSUserGroup :alert.os_user_group
->Fabric :alert.fabric
->Switch :alert.switch
->EndpointDevice :alert.endpoint_device
->External :alert.external
->TapeLibrary :alert.tape_library
->ConfigurationAnalysis :alert.configuration_analysis
->Hypervisor :alert.hypervisor

IBM TivoliStorageProductivityCenter->Reporting->SystemReports->Data
->DiskSpaceSummary :data_report.disk_capacity
->StorageAccessTimes :data_report.storage_access_times
->MostObsoleteFiles :data_report.most_obsolete_files
->ComputerStorageAvailability :data_report.storage_availability
->ComputerDiskSpace :data_report.storage_capacity
->AvailableFileSystemSpace :data_report.total_freespace
->UserSpaceUsage :data_report.user_space_usage

IBM TivoliStorageProductivityCenter->Reporting->SystemReports->Disk
->PortPerformance :disk_report.port_performance
->SubsystemPerformance :disk_report.subsystem_performance
->TopVolumesDataRatePerformance :disk_report.top_volumes_data_rate_performance
->TopVolumesI/ORatePerformance :disk_report.top_volumes_io_rate_performance

IBM TivoliStorageProductivityCenter->Reporting->SystemReports->Fabric
->SANAssets(ALL) :fabric_report.san_assets
->PortConnections :fabric_report.port_connections
->SwitchPerformance :fabric_report.switch_performance
->TopSwitchPortsDataRatePerformance :fabric_report.top_switch_ports_data_rate_performance

IBM TivoliStorageProductivityCenter->Topology
->Computers :topology.computers
->Fabrics :topology.fabrics
->Switches :topology.switches
->Storage :topology.storage
->Other :topology.other
->StorageResourceGroups :topology.storage_resource_groups

IBM TivoliStorageProductivityCenter->
ConfigurationUtility :config

DiskManager->StorageSubsystems :disk.storage_subsystems

FabricManager->Fabrics :fabric.fabrics

TapeManager->TapeLibraries :tape.tape_libraries

```

GUI8248E: The window {0} cannot be opened. Check user authorization or licensing for this TPC installation.

Explanation

The window name that is specified in the message cannot be opened.

Administrator Response

The user that is logged in might not be authorized to open this window. Alternatively, licensing for this TPC installation might not allow this window to be opened.

GUI8250E: Common Agent password validation failed.**Explanation**

Common Agent password entered for Agent Manager Registration is incorrect. Please correct it and try again.

GUI8251E: Resource Manager password validation failed.**Explanation**

Resource Manager password entered for Agent Manager Registration is incorrect. Please correct it and try again.

GUI8252E: Resource {0} could not be found.**Explanation**

The given resource name cannot be found in the topology view.

Administrator Response

Check the resource name and provide a correct resource name.

**GUI8253E: Invalid parameter provided for the function {0}.
Provide correct parameter.****Explanation**

The given parameters are incorrect for the function name. The window cannot be launched with these parameters.

Administrator Response

Check the parameter names and provide proper parameter names.

**GUI8254E: Required parameter {0} for function {1} is missing.
Cannot launch panel {2}.****Explanation**

The required parameter for the given function is incorrect. The window cannot be launched unless the required parameter is provided.

Administrator Response

Provide the required parameter to launch the window.

**GUI8255E: Found multiple resources with name {0}. Provide
unique name for the resource.****Explanation**

The search with provided name yielded more than one resource. Need to provide a unique qualified name for identifying the resource uniquely.

Administrator Response

To launch the window properly, a resource should be able to identified with a unique name. Provide a unique name that can identify a single resource

GUI8257E: The single sign-on authorization failed. Provide userid and password to log in.

Explanation

TPC was launched from within TIP. An LTPA token is downloaded to the requesting browser after TIP logon. This token is used to logon to TPC. In case the token does not fit, regular TPC authorization is used.

Administrator Response

Verify that TIP installation succeeded and that the service is up and running. Check the device server logs for any errors containing 'LTPA' or 'SSO' and try gain.

GUI8258E: Userid and password are not supported as part of the URL. Provide the userid and password to log in.

Explanation

Either the user or a 3rd party application tried to access TPC via Web link. The link contains user ID and password. Since TPC 4.1 this login mechanism is not supported any more due to security concerns.

Administrator Response

The TPC logon can be performed via TIP in order to use a secure way of single sign-on.

GUI8264E: A server error occured while licensing the product. Please try again. If the problem persists please contact IBM support.

Explanation

A server error occured while licensing the product

Administrator Response

Try licensing the product again. If the problem persists please contact IBM support.

GUI8266E: An error occured while loading the license panel. Please try again. If the problem persists please contact IBM support.

Explanation

An error occured while loading the license panel.

Administrator Response

Try again. If the problem persists please contact IBM support.

HWN

HWN020001I: Operation *Name of the operation* processed successfully.

Explanation

A Disk Manager webservice has been executed successfully. No error condition has been encountered.

Administrator Response

No action is required.

HWN020002E: Mandatory parameter *Name of the mandatory parameter which is missing* missing

Explanation

Mandatory parameter {0} missing

Administrator Response

Pass the mandatory parameters.

HWN020003E: Invalid parameter *Name of the parameter which was invalid*

Explanation

Invalid Parameter{0}

Administrator Response

Pass a valid parameter.

HWN021503E: An internal error occurred, please try again. If the problem persists, please contact IBM service.

Explanation

An internal error occurred during execution. This error might occur under the following circumstances:

- You attempt to run multiple probes against an HDS subsystem from different Tivoli Storage Productivity Center servers at the same time.
- You access the HiCommand Device manager for an HDS subsystem at the same time you are running a Tivoli Storage Productivity Center probe against that storage subsystem.

Administrator Response

To avoid this error, schedule probes of the HDS subsystem to run at different times and do not access the associated HiCommand Device manager during a probe. If the problem persists, enable high level tracing as explained in the IBM Tivoli Storage Productivity Center Installation and Configuration Guide and contact IBM Software Support.

HWN021504E: Entity *The ID of the entity* was not found.

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

Performance Manager, Device Manager, or the interface might be out of synch with the co-server. Rerun the discovery process, and then run a data collection task.

HWN021508E: Credentials not found

Explanation

There was a problem accessing the user credential on the coserver

Administrator Response

Ensure the database is running and that the TPC setup was completed successfully.

HWN021514E: The invocation of CIM method *Name of method* failed on CIMOM *Name of CIMOM* . The return code is *Return code of method*

Explanation

The extrinsic CIM method that was invoked on the given CIMOM failed.

Administrator Response

Ensure that the correct input parameters for the CIM method have been used.

HWN021515E: The invocation of CIM method *Name of method* failed on CIMOM *Name of CIMOM* with the following exception text: *Exception text*

Explanation

The extrinsic CIM method that was invoked on the given CIMOM failed.

Administrator Response

Check the ErrorTrace.log file for further information. If the log file does not exist, enable tracing as follows: (1) Enter the WAS administration console. Click Application Servers, click the server name, and click Diagnostic Trace Service. (2) Select the Enable trace check box, and enable tracing for the MDM groups. (3) Restart the server and run the application again. (4) Check the errorTrace.log file to

determine which problems were encountered.

**HWN021517E: The connection to CIMOM for storage system
*VPD of the storage system could not be made.***

Explanation

Creation of the CIM client failed.

Administrator Response

Ensure that the CIMOM is running and that the correct user ID and password have been set for this CIMOM under CIMOM logins in the TPC UI.

HWN021520E: The attribute *Name of the attribute* was not found.

Explanation

A method was called with wrong attributes.

Administrator Response

Try the same operation again. If the problem persists, enable high level tracing as explained in the Installation and Configuration Guide and contact IBM service.

HWN021522E: Host port *The WWPN of the host port* not assigned to Volume *The PK of the volume*

Explanation

The host port is not assigned to the volume.

Administrator Response

Specify a port that is assigned to the volume.

HWN021524E: Indexed Properties *Names* don't match

Explanation

Indexed input parameters are not of the same size

Administrator Response

Make sure that all the indexed input parameters are of the same size.

HWN021529E: Received unexpected values from CIMOM *The IP and port of the CIMOM.* Check TPC trace files.

Explanation

The CIMOM returned values that are unexpected and might indicate that the CIMOM is not working correctly.

Administrator Response

If not already enabled, enable tracing as follows: (1) Enter the WAS administration console. (2) Click Application Servers, click the server name, and then click Diagnostic Trace Service. (3) Select the Enable trace check box and enable tracing for the MDM groups. (4) Restart the server, run the application again, and check the ErrorTrace.log file to determine which problems were encountered. Using the CIMBrowser, check whether the CIMOM has the correct information. If not, fix the problem on CIMOM side.

HWN021530E: The Volume - Port mapping can not be created. There are existing mappings that prevent this combination.

VolumeCOP: *The ID of the volume* , **Port:** *The WWPN of the port that should be mapped to the volume*

Explanation

For FASTT it is not possible to merge existing mappings. That means, if you have volume A mapped to port 1, and volume B mapped to port 2, you will neither be able to map port 1 to volume B, nor port 2 to volume A.

Administrator Response

Build up mappings beginning with one volume-port mapping, and then add further volumes and ports. For Example, first map volume A and port 1, then volume A and port 2, finally volume B and port1 or port 2. The volume will be mapped to both ports. See also documentation for details.

HWN021531E: CIMOM The IP and port of the CIMOM can not reach storage system The VPD of the storage system

Explanation

The CIMOM can not reach the subsystem that it manages.

Administrator Response

Check logs on CIMOM side to determine why it can't reach the device.

HWN021535E: There is not enough space left in the storage pool The primary key of the Pool on storage system The VPD of the storage system to create a volume of The requested volume size bytes.

Explanation

The size of the volume to be created is too large for the selected storage pool.

Administrator Response

Choose or create a storage pool with enough space or create a smaller volume.

HWN021536E: The CIM method *The CIM method that is not supported.* **is not supported on the storage system** *The VPD of the storage system*

Explanation

The storage system does not support the specified function.

Administrator Response

No action is required.

HWN021537E: Could not create connection to CIMOM *The IP and port for the CIMOM.***Reason:** *The exception returned by the CIMClient.*

Explanation

No connection to the CIMOM could be established.

Administrator Response

Check the given reason.

HWN021538E: The username *The username that was used to connect to the CIMOM.* **or password is wrong on CIMOM** *The IP and port for the CIMOM.*

Explanation

The username and/or password specified for the CIMOM are not valid.

Administrator Response

Set correct username/password combination for the CIMOM.

HWN021539E: The SVC with IP *The IP of the SVC.* **which is managed by CIMOM** *The IP and port for the CIMOM.* **can not be discovered. The status is** *The status of the SVC.* .

Explanation

The CIMOM can not reach the SVC. The SVC is not added to the TPC repository.

Administrator Response

There is a SVC which is disconnected and not reachable from the CIMOM. Please check the status of this SVC and run discovery again.

HWN021540E: The invocation of CIM method *Name of method* failed on CIMOM *Name of CIMOM* . The return code is *Return code of method*. Details provided by the CIMOM : *Description of Returncode*

Explanation

The extrinsic CIM method that was invoked on the given CIMOM failed.

Administrator Response

Ensure that the correct input parameters for the CIM method have been used.

HWN021600W: Operation *Name of the operation*. partially processed.

Explanation

A Disk Manager webservice has been partially executed. Some operations as part of this request have failed. Please check the detailed error messages.

Administrator Response

No action is required.

HWN021601E: Operation *Name of the operation*. failed.

Explanation

A Disk Manager webservice has failed. None of the operations that are part of this request were processed successfully. Please check the detailed error messages.

Administrator Response

No action is required.

HWN021602E: It is necessary to specify target ports for storage device VPD of the storage subsystem

Explanation

This storage subsystem requires that target FCPorts are specified during the assignment operation.

Administrator Response

Re-run the operation and specify the target ports

HWN021603W: More storage volumes and ports than specified will loose access

Explanation

The unassignment operation was executed successfully, but more storage volumes and ports have been unassigned than specified because the 'force' option was set

to true for this command. All unassigned WWPNs and storage volumes are returned in the return object.

Administrator Response

Check that the additionally unassigned volumes/ports do not cause any problems.

HWN021604E: WWPNs and storage volumes to be unassigned not completely specified. Assigned WWPNs: *All WWPNs that are assigned to the volumes in the host port collection* , **missing WWPNs:** *The WWPNs that are assigned but were not specified in the input parameter in the method unassign* . **Storage volumes to be unassigned not completely specified. Assigned storage volumes:** *Lists all storage volumes that are really assigned to the WWPNs.* }, **missing storage volumes:** *The storage volumes that are really assigned but were not specified in the input parameter in the method unassign*

Explanation

Not all ports that belong to a host port collection were specified. In order to unassign a host port collection, all ports have to be specified. Not all storage volumes that are assigned to the WWPNs were specified in the input. In order to unassign the WWPNs, all storage volumes have to be specified.

Administrator Response

Specify all ports belonging to the host port collection. Specify all storage volumes that are assigned to the WWPNs. You can alternatively specify the force flag to automatically unassign all WWPNs and volumes that need to be included.

HWN021605I: More storage volumes and ports than specified will gain access.

Explanation

The assignment operation was executed successfully, but more storage volumes and ports have been assigned than specified because the 'force' option was set to true for this command. All assigned WWPNs and storage volumes are returned in the return object.

Administrator Response

Check that the additionally assigned volumes/ports do not cause any problems.

HWN021606E: WWPNS and storage volumes to be assigned not completely specified. Missing WWPNS: *The WWPNS that need to be assigned but were not specified in the input parameter.*
. Storage volumes to be assigned not completely specified. Missing storage volumes: *The storage volumes that need to be assigned but were not specified in the input parameter.*

Explanation

Not all ports that belong to a host port collection were specified. In order to assign a host port collection, all ports have to be specified. Not all storage volumes that need to be assigned due to existing assignments to the WWPNS were specified in the input. In order to assign the WWPNS, all storage volumes have to be specified.

Administrator Response

Specify all ports belonging to the host port collection. Specify all storage volumes that need to be assigned to the WWPNS. You can alternatively specify the force flag to automatically assign all WWPNS and volumes that need to be included.

HWN021607E: The client type *the client type* with description *the client description* is not supported on CIMOM *the CIMOM IP and port* for storage subsystem *the subsystem ID* of volumes *the volumeIDs of the subsystem* which were passed in

Explanation

The CIMOM for the storage device does not support the chosen client type

Administrator Response

Specify the client type that is supported by the CIMOM. Because the supported client types also depend on the CIMOM version, you might need to change or upgrade the CIMOM.

HWN021608E: The target port *the target port ID* does not belong to storage subsystem *the subsystem ID* of volumes *the volumeIDs of the subsystem* which were passed in

Explanation

The target ports specified do not belong to the subsystem of the input volumes

Administrator Response

Specify target ports of the same subsystem as the volumes or specify no target ports

HWN021609E: There is not enough space left in the storage pool *The primary key of the Pool on storage system* *The VPD of the storage system* **to create** *The number of volumes to create* **volumes of** *The total size needed* **bytes total.**

Explanation

The size of the volumes to be created is too large for the selected storage pool.

Administrator Response

Choose or create a storage pool with enough space or create smaller volumes.

HWN021610E: The specified size *The size of the volume to create* **is not supported on pool** *The storage pool ID* **Size has to be dividable by** *Divisor returned by getSupportedSizeRange* **and in between** *Minimum returned by getSupportedSizeRange* **and** *Maximum returned by getSupportedSizeRange*

Explanation

This pool supports sizes within the given range and divisible by the given divisor only.

Administrator Response

Use a size which is divisible by the given divisor and within the provided range.

HWN021611E: Volume *The volume ID* **has mappings, it can not be deleted.**

Explanation

A volume can not be deleted as long as it has mappings

Administrator Response

Delete all mappings of the volume.

HWN021612E: The mapping between volume *The volume ID* **and port** *The initiator port wwpn* **exists already**

Explanation

A mapping that exists already can not be created again

Administrator Response

None

HWN021613E: The WWPN *The WWPN not found* can not be found on subsystem *The subsystem*

Explanation

The subsystem does not know the WWPN given.

Administrator Response

The information in the database repository might be out of sync with the monitored devices in your environment. Rerun data collection jobs against those monitored devices to refresh the information stored in the database repository.

HWN021614E: The WWPNs *The WWPNs without mappings have no mappings on storage system* *The storage system*

Explanation

The WWPNs do not have any mappings on this storage system.

Administrator Response

The information in the database repository might be out of sync with the monitored devices in your environment. Rerun data collection jobs against those monitored devices to refresh the information stored in the database repository.

HWN021615E: WWPNs *WWPNs that can not share mappings can not share mappings on storage system* *Storage system*}. There are existing mappings that prevent this.

Explanation

For some devices (e.g. FASSt, HDS) it is not possible to merge existing mappings. That means, if you have volume A mapped to port 1, and volume B mapped to port 2, you will not be able to create any mapping that has both port1 and port2 included.

Administrator Response

Create all mappings at once; specify all ports and volumes to be mapped together. OR: Build up mappings beginning with one volume-port mapping, and then add further volumes and ports. For Example, first map volume A and port 1, then volume A and port 2, finally volume B and port1 or port 2. The volume will be mapped to both ports. See also documentation for details.

HWN021616E: Volumes *VolumeIDs can not share mappings on storage system* *Storage system* }. There are existing mappings that prevent this.

Explanation

For some devices (e.g. FASSt, HDS) it is not possible to merge existing mappings. That means, if you have volume A mapped to port 1, and volume B mapped to port 2, you will not be able to create any mapping that has both volume A and volume B included.

Administrator Response

Create all mappings at once; specify all ports and volumes to be mapped together. OR: Build up mappings beginning with one volume-port mapping, and then add further volumes and ports. For Example, first map volume A and port 1, then volume A and port 2, finally volume B and port1 or port 2. The volume will be mapped to both ports. See also documentation for details.

HWN021617E: The stored data for storage system *The storage system* is not in sync with the environment. Rerun data collection.

Explanation

The data stored for the storage system does not seem to be in sync with the environment

Administrator Response

Rerun data collection.

HWN021618E: Modifying target ports is not supported by subsystem *the subsystem* .

Explanation

The subsystem does not support modifying target ports of existing mappings.

Administrator Response

Remove the mapping and recreate with the new set of target ports.

HWN021619E: Modifying the target ports for mapping of initiator port *initiator port WWPN* and volume *volume name* will also modify the target ports of the following mappings: *port - volume list*

Explanation

The initiator port has mappings to more volumes than were specified. The mappings to all volumes will be modified.

Administrator Response

Specify all volumes that are impacted.

HWN021620I: Modifying the target ports for mapping of initiator port *initiator port WWPN* and volume *volume name* will modify the target ports of more mappings than specified.

Explanation

The initiator port has mappings to more volumes than were specified. The mappings to all volumes will be modified.

Administrator Response

Check the job log to see the additionally modified mappings.

HWN021621E: It is not supported to modify the target ports of existing mappings and create new mappings in one step. Modify the existing mappings first and then create the new mappings. Existing mappings: *port - volume list*

Explanation

It is not supported to modify the target ports of existing mappings and create new mappings in one step.

Administrator Response

Modify the existing mappings first and then create the new mappings.

HWN021622I: Started modification of the assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* . Target ports to add: *target ports to add* Target ports to remove: *target ports to remove*

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021623I: Finished modification of the assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* . Target ports to add: *target ports added* Target ports to remove: *target ports removed*

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021624E: The modification of the assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* failed. Target ports to add: *target ports to add* Target ports to remove: *target ports to remove*

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021650E: Encountered timeout while connecting to CIMOM *CIMOM IP and Port in format IP:Port*. Check the CIMOM or increase timeout value.

Explanation

There was a timeout when connecting to the CIMOM. This may indicate a not working or slow CIMOM.

Administrator Response

Check the CIMOM. If the CIMOM is responding slowly (e.g. due to network traffic) increase the timeout value.

HWN021651E: Job on CIMOM *CIMOM IP and Port in format IP:Port* failed. Job Status: *Job status* . Error code is *Error code* , error description: *Error description* . Check TPC and CIMOM logs.

Explanation

An asynchronous job on the CIMOM failed.

Administrator Response

Check TPC and CIMOM logs.

HWN021652E: A timeout occurred. Check TPC logs.

Explanation

A timeout occurred.

Administrator Response

Check TPC logs.

HWN021653E: The attribute *Name of the attribute* was not found.

Explanation

A TPC execution error occurred. Check TPC logs.

Administrator Response

Check TPC logs.

HWN021654E: Pool ID *was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021655E: Volume ID *The ID of the volume was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021656E: Port ID *The ID of the port was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021657E: Subsystem ID *The ID of the subsystem was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021658E: Managed Disk ID *The ID of the MDisk was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021659E: CIMOM *The ID of the CIMOM was not found*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021660E: IO Group *The SVC IO Group was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021670E: The client type *the client type with description the client description is not unique on CIMOM the CIMOM IP and port }* for storage subsystem *the subsystem ID of volumes the volumeIDs of the subsystem which were passed in*

Explanation

This CIMOM for the storage device does not have several entries for the chosen client type.

Administrator Response

Specify client type and description that are unique for the CIMOM. The supported client types also depend on the CIMOM version. Maybe you will need to change or upgrade the CIMOM.

HWN021671I: The storage system *The storage system was deleted from the database*

Explanation

This storage system was deleted from the database.

Administrator Response

No action is required.

HWN021672E: The storage system *The storage system* was not deleted from the database due to conflicting operations.

Explanation

This storage system was not deleted from the database due to a deadlock situation.

Administrator Response

Try to delete the storage subsystem on a later time.

HWN021673E: Job on CIMOM *CIMOM IP and Port* in format *IP:Port* did not complete within the timelimit of *Microseconds* microseconds. It is *Percent complete* Percent complete. Check CIMOM log for job Completion. Job information: *JobCOP* Redo probe when the job completed.

Explanation

The job was started on the CIMOM, but did not complete in the time limit. The timelimit can be set by modifying CIMJobContext.JobRetrievalRetry and CIMJobContext.JobRetrievalSleep in the table T_RES_CONFIG_DATA. CIMJobContext.JobRetrievalRetry defines the maximum number of retries to check a job for completion. CIMJobContext.JobRetrievalSleep defines the wait time in microseconds between two retries.

Administrator Response

Check the CIMOM logs for job completion. Then probe the subsystem again to get the up to date data.

HWN021674E: Job on CIMOM *CIMOM IP and Port* in format *IP:Port* returned unexpected results. Job information: *JobCOP* Job status: *JobState* , status description: *JobStatus* Check CIMOM log. Redo probe if the job completed.

Explanation

The job was started on the CIMOM, but returned an unexpected status.

Administrator Response

Check the CIMOM logs for job information. If the job completed, probe the subsystem again to get the up to date data.

HWN021675I: Started creation of volume with size *Size* in pool *Pool* on subsystem *Subsystem*

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021676I: Volume creation completed successfully. New volume *VolumeID* created with size *Size* in pool *Pool* on subsystem *Subsystem* .

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021677E: Volume creation failed. The volume of size *Size* in pool *Pool* on subsystem *Subsystem* could not be created.

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021678I: Started assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* .

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021679I: Finished assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* .

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021680E: The assignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* failed.

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021681I: Started unassignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* .

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021682I: Finished unassignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* .

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021683E: The unassignment of volume *VolumeID* on subsystem *Subsystem* to initiator port *WWPN* failed.

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021684I: Started deletion of volume *VolumeID* on subsystem *Subsystem* .

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021685I: Volume deletion completed successfully. Volume *VolumeID* on subsystem *Subsystem* was deleted.

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021686E: Volume deletion failed. Volume *VolumeID* on subsystem *Subsystem* could not be deleted.

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021687I: Started modification of Pool *Pool display name* on subsystem *Subsystem display name* .

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021688I: Pool modification completed successfully. Pool *Pool display name* on subsystem *Subsystem display name* was modified.

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021689E: Pool modification failed. Pool *Pool display name* on subsystem *Subsystem display name* could not be modified.

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021690I: Started creation of *number volumes* volumes with size *Size in pool* *Pool* on subsystem *Subsystem*

Explanation

The task was started. The log will inform about the further process.

Administrator Response

No action required.

HWN021691I: Created *number volumes out of total number volumes volumes with size Size in pool Pool on subsystem Subsystem*

Explanation

The task succeeded.

Administrator Response

No action required.

HWN021692E: Volume creation failed. Created *number volumes out of total number volumes volumes with size Size in pool Pool on subsystem Subsystem*

Explanation

The task failed.

Administrator Response

Check the log for failure reason.

HWN021693W: Warning: The task succeeded, but the database update failed. Run probe to update the database.

Explanation

The task succeeded, but the database update failed.

Administrator Response

Run probe for the subsystem to update the database.

HWN021700I: Enumerating CIM Associator *The CIM association name which is being enumerated. for The name of the DB table which will be populated as result of this query.*

Explanation

The discovery or probe is currently enumerating a CIM associator. Inventory collection enumerates CIM classes in order to collect data for a particular TPC entity, such as storage subsystem or storage volume.

Administrator Response

No action is required.

HWN021701I: Enumerating CIM Class *The CIM class name which is being enumerated. for The name of the DB table which will be populated as result of this query.*

Explanation

The discovery or probe is currently enumerating a CIM class. Inventory collection enumerates CIM classes in order to collect data for a particular TPC entity, such as storage subsystem or storage volume.

Administrator Response

No action is required.

HWN021702I: Querying CIM

Explanation

A CIMOM query is in process

Administrator Response

No action is required.

HWN021708I: Initializing Collection for storage system *storage system identification.*

Explanation

Probe is being initialized.

Administrator Response

No Action is required

HWN021709I: Collection for storage system *storage system identification completed.*

Explanation

Probe is completed.

Administrator Response

No action is required.

HWN021710I: Discovering devices for SAN Volume Controller *The VPD of the SAN Volume Controller.*

Explanation

Prior to the discovery or probe, a fiber channel discovery on this SAN Volume Controller is issued.

Administrator Response

No action is required.

HWN021711I: Discovery devices for SAN Volume Controller
The VPD of the SAN Volume Controller. failed with error
message *The exception which has occurred.*

Explanation

Fiber channel discovery issued prior to discovery or probe on the SAN Volume Controller was failing.

Administrator Response

Collection will continue without discovery.

HWN021712I: Collecting Nodes for storage system *storage system identification.*

Explanation

The probe is currently traversing and storing CIM information that are related to the Nodes of the storage system.

Administrator Response

No action is required.

HWN021713I: Collecting fibre channel ports for storage
system *storage system identification.*

Explanation

The probe is currently traversing and storing CIM information that are related to the fibre channel ports of the storage system.

Administrator Response

No action is required.

HWN021714I: Collecting volumes for storage system *storage system identification.*

Explanation

The probe is currently traversing and storing CIM information that are related to the volumes of the storage system.

Administrator Response

No action is required.

HWN021715I: Traversing host to volume assignments for
storage system *storage system identification.*

Explanation

The probe is currently traversing and storing CIM information that are related to host to volume assignment.

Administrator Response

No action is required.

HWN021716I: Collecting pools and volumes for storage system *storage system identification*.

Explanation

The probe is currently traversing and storing CIM information that are related to the pools and volumes of the storage system.

Administrator Response

No action is required.

HWN021717I: Collecting volume settings for storage system *storage system identification*.

Explanation

The probe is currently traversing and storing CIM information that are related to the volume settings of the storage system.

Administrator Response

No action is required.

HWN021718I: Collecting client setting data for storage system *storage system identification*.

Explanation

The probe is currently traversing and storing CIM information that are related to the client setting data of the storage system.

Administrator Response

No action is required.

HWN021719I: Perform collection post process tasks for storage system *storage system identification*.

Explanation

CIM based collection is completed and post collection tasks for the probe are performed.

Administrator Response

No action is required.

HWN021725I: TPC discovered/rediscovered a device with name *Identifier of the device.* on CIMOM *Identifier of the CIMOM.*
Explanation

The discovery found a device on a CIMOM it is examining.

Administrator Response

No action is required.

HWN021726I: TPC discovered/rediscovered no device on CIMOM *Identifier of the CIMOM.*
Explanation

The discovery found no device on a CIMOM.

Administrator Response

Check if this is correct that there is no device on the CIMOM.

HWN021727I: TPC discovery starting on CIMOM *Identifier of the CIMOM.*
Explanation

The discovery is starting on a CIMOM.

Administrator Response

No action is required.

HWN021728I: TPC discovery on CIMOM *Identifier of the CIMOM.* is complete.
Explanation

The discovery is finished on a CIMOM.

Administrator Response

No action is required.

HWN021729W: TPC discovery of Device type *value* is not supported.
Explanation

The device type specified is not supported.

Administrator Response

No action is required.

HWN021731I: Probing Volumes for Storage System: *value*.

Explanation

The probe is finding the volumes for this storage system.

Administrator Response

No action is required.

**HWN021732I: Number of Volumes Found Currently: *value*.
Continuing to Probe Volumes.**

Explanation

The Probe is finding the Volumes. This status update is to inform how many volumes have been processed at this point during the probe.

Administrator Response

No action is required.

HWN021733I: *value* Volumes Found.

Explanation

This status message is to inform you of the total number of volumes found for this storage system or storage pool.

Administrator Response

No action is required.

HWN021734I: Probing Disks for Storage System: *value*.

Explanation

The probe is finding the disks for this storage system.

Administrator Response

No action is required.

**HWN021735I: Number of Disks Found Currently: *value*.
Continuing to Probe Disks.**

Explanation

The probe is finding the disks. This status update is to inform how many disks have been processed at this point during the probe.

Administrator Response

No action is required.

HWN021736I: *value* Disks Found.**Explanation**

This status message to inform you of the total number of disks found for this storage system or storage pool.

Administrator Response

No action is required.

HWN021737I: Probing Virtual Disks for Cluster: *value***Explanation**

The probe is finding the virtual disks for this SAN Volume Controller cluster.

Administrator Response

No action is required.

HWN021738I: Number of Virtual Disks currently found: *value*. Continuing to probe Virtual Disks.**Explanation**

The probe is finding the virtual disks. This status update is to inform of the number of virtual disks that have been processed at this point during the probe.

Administrator Response

No action is required.

HWN021739I: *value* Virtual Disks found.**Explanation**

This is the total number of Virtual disks found on the corresponding SAN Volume Controller cluster.

Administrator Response

No action is required.

HWN021740I: Probing Views of Host Initiator access to Volumes.**Explanation**

The probe is finding the Host Initiator access to Volumes.

Administrator Response

Check logs for SQLExceptions logged for ServiceUtils.getConnection().

HWN021741I: *value Views Found.***Explanation**

This status message to inform you of the total number of Views for Host Initiator access to Volumes that are found for this storage system.

Administrator Response

Check logs for SQLExceptions logged for ServiceUtils.getConnection().

HWN021800E: CIMOMManager failed to get a database connection.**Explanation**

The CIMOMManager failed to get a database connection. Null was returned instead.

Administrator Response

Check logs for SQLExceptions logged for ServiceUtils.getConnection().

HWN021801E: CIMOMManager failed to get CIMOM entity from database.**Explanation**

The CIMOMManager failed to get CIMOM entity from database. Either cursor on table T_RES_REGISTERED_CIMOM or contained object was null.

Administrator Response

No action is required.

HWN021802E: CIMOMManager experiences SQL problems while working with database: *The SQL error.***Explanation**

The CIMOMManager failed to work with database. Received SQL error instead.

Administrator Response

No action is required.

HWN021803W: CIMOMManager did not get userid and or password for CIMOM *The Service URL of the CIMOM* from database.**Explanation**

The CIMOMManager found userid and or password being null in database.

Administrator Response

No action is required.

HWN021804E: CIMOMManager failed to access slp attributes for CIMOM *The Service URL of the CIMOM from database.*

Explanation

The CIMOMManager failed to access slp attributes for this CIMOM. Either cursor on table T_RES_SLP_ATTRIBUTES or contained object was null.

Administrator Response

No action is required.

HWN021805E: CIMOMManager failed to get a database mapper of type *The type of the database mapper.*

Explanation

The CIMOMManager failed to get a database mapper. Unable to persist data to database.

Administrator Response

No action is required.

HWN021806E: CIMOMManager failed to get a valid mapper result from *The type of the database mapper.*

Explanation

The CIMOMManager failed to get a valid mapper result from a database mapper. Unable to persist data to database.

Administrator Response

No action is required.

HWN021807E: CIMOMManager failed to get a proxy for calling slp discovery.

Explanation

The CIMOMManager failed to get a proxy for calling slp discovery. Unable to discover CIMOMs.

Administrator Response

Restart DiscoveryService if not running.

HWN021808E: Could not create a connection to any of the following CIMOMs *The comma separated list of IP and port for the CIMOMs.*

Explanation

No connection to the CIMOM could be established.

Administrator Response

Check the given reason.

HWN021809E: The host for CIMOM *The service URL of the CIMOMs.* was not resolvable in DNS.

Explanation

The hostname of the CIMOM could not be translated to an IP address.

Administrator Response

Check the hostname.

HWN021810E: The service URL for CIMOM *The service URL of the CIMOMs.* is not valid.

Explanation

The hostname of the CIMOM could not be translated to an IP address.

Administrator Response

Check the URL fragments.

HWN021811I: The operational status for device *The ID of the device.* on CIMOM *The service URL of the CIMOM.* has this value *The operational status vector.* .

Explanation

The operational status for this device was retrieved from the specific CIMOM. The value is a string representation of an vector of integers.

Administrator Response

No action is required.

HWN021812E: The operational status for device *The ID of the device.* on CIMOM *The service URL of the CIMOM.* could not be retrieved because CIMOM is in status *The CIMOM connection status.* .

Explanation

The operational status for this device was not retrieved from the specific CIMOM. The CIMOM is in a state which does not allow retrieval of operational status for the device.

Administrator Response

Action depends on returned CIMOM connection status.

HWN021813E: Fabric ID *The ID of the fabric was not found.*

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

TPC components may be out of sync. Rerun the discovery process, and then run a data collection task.

HWN021899E: Switch *The wwn of the switch. has no associated Fabric.*

Explanation

The CIMOM that has reported the switch is not reporting a fabric for the switch. The discovered switch is not persisted, due to this failure.

Administrator Response

Try restarting the switch CIMOM. If this does not fix the problem, contact customer support for your switch vendor.

HWN021901E: The virtual disk size cannot exceed *maximum size when creating space efficient virtual disks.*

Explanation

When creating space efficient virtual disks, the maximum virtual disk size cannot be higher than the specified value.

Administrator Response

Provide a correct size for the virtual disk.

HWN021902E: Invalid grain size. Valid values are *valid values.*

Explanation

The specified grain size parameter is invalid.

Administrator Response

Pass a valid parameter value.

HWN099990I: The method *name of the Disk Manager Service method of the Disk Manager service returned return value @(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes.

Administrator Response

No action is required.

HWN099991I: *info trace message@(execution context information)*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes.

Administrator Response

No action is required.

HWN099992W: *warning trace message@(execution context information)*

Explanation

This is a Disk Manager warning trace message, intended for IBM development and support purposes.

Administrator Response

No action is required.

HWN099993E: *error/exception trace message @(execution context information)*

Explanation

This is a Disk Manager error/exception trace message, intended for IBM development and support purposes.

Administrator Response

No action is required.

HWN099994I: *An object of class name of the class has been instantiated @(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes. It indicates the creation of a Java object.

Administrator Response

No action is required.

HWN099995I: *l=== class name.method name entry, parameter(s): parameter value(s) @(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes. It reports a Java method entry.

Administrator Response

No action is required.

HWN099996I: *===l class name.method name exit, return value: method return value (execution time in milliseconds) @(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes. It reports a Java method completion.

Administrator Response

No action is required.

HWN099997I: *External service name of the (DM) external service will be invoked with parameter(s) parameter value(s)@(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes. It reports invocation of an service outside of DM, e.g. a CIMClient call.

Administrator Response

No action is required.

HWN099998I: *Invocation of external service name of the (DM) external service returned result invocation result@(execution context information).*

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes. It reports the result of the invocation of an service outside of DM, e.g. a CIMClient call.

Administrator Response

No action is required.

HWN099999I: The method *name of the Disk Manager Service method of the Disk Manager service* was invoked with parameters *invocation parameters@(execution context information)*.

Explanation

This is a Disk Manager informational trace message, intended for IBM development and support purposes.

Administrator Response

No action is required.

HWNAU

HWNAU0001E: A connection with the TPC Device Server, (*Device Server IP*, could not be established for authentication.

Explanation

A connection to the TPC Device server could not be established for the authentication request.

Administrator Response

Make sure the TPC Device Server is active and has IP connectivity with the TPC server.

HWNAU0002E: A connection with the LDAP or Active Directory server, (*LDAP or Active Directory Server IP*) , could not be made for authentication.

Explanation

A connection to the LDAP or Active Directory server could not be made for the authentication request.

Administrator Response

Make sure the LDAP or Active Directory server is active and has IP connectivity with the TPC Device Server.

HWNAU0003E: Authentication of the Single Sign-On token failed. Provide your username and password to attempt a re-authentication.

Explanation

Authentication of the Single Sign-On token failed.

Administrator Response

Make sure the Single Sign-On token was created within the same domain as the TPC server.

HWNAU0004E: The Single Sign-On token has expired. To re-authenticate the token, please enter your user name / password.

Explanation

The Single Sign-On token expired at *Expiration Date and Time*. Enter your password to resume the Single Sign-On login session.

Administrator Response

Provide the Single Sign-On token password in order for it to reauthenticate.

HWNAU0005E: Creation of the Single Sign-On token failed due to an username that is not valid. Enter your username and password and try again.

Explanation

Creation of the Single Sign-On token failed due to an username that is not valid.

Administrator Response

Either make sure the username and password are valid or the user is configured to the LDAP or Active Directory server.

HWNAU0006E: Creation of the Single Sign-On token failed due to a password that is not valid. Enter your username and password and try again.

Explanation

Creation of the Single Sign-On token failed due to a password that is not valid.

Administrator Response

Make sure the password of the user is valid.

HWNAU0007E: Authentication failed due to an username or password that is not valid. Enter your username and password and try again.

Explanation

Authentication failed due to an username or password that is not valid.

Administrator Response

Make sure the username and password are valid.

HWNAU0008I: Single Sign On Service started successfully.

Explanation

The Single Sign On Service has started successfully.

HWNAU0009I: The Single Sign On Service has shutdown.

Explanation

The Single Sign On Service has been shutdown.

HWNAU0010E: An error occurred retrieving the Single Sign-On token from the private credentials.

Explanation

An error occurred retrieving the Single Sign-On token from the private credentials.

HWNAU0011E: An error occurred retrieving the Single Sign-On token from the public credentials.

Explanation

An error occurred retrieving the Single Sign-On token from the public credentials.

HWNAU0012E: An error occurred when attempting to decode the authentication token.

Explanation

An error occurred when attempting to decode the authentication token.

HWNAU0013E: An error occurred when attempting to encode the authentication token.

Explanation

An error occurred when attempting to encode the authentication token.

HWNAU0014E: An error occurred while translating the user's credentials into a Single Sign-On token.

Explanation

An error occurred while translating the user's credentials into a Single Sign-On token.

HWNAU0015E: An unknown error occurred while authenticating to the WebSphere login module.

Explanation

An unknown error occurred while authenticating to the WebSphere login module.

HWNAU0016E: An error occurred while registering SsoConfigChangeListener with TIP.

Explanation

An error occurred while registering SsoConfigChangeListener with TIP.

HWNAU0017E: An error occurred while unregistering SsoConfigChangeListener from TIP.

Explanation

An error occurred while unregistering SsoConfigChangeListener from TIP.

HWNCC

HWNCC0010E: Configuration Analysis Data Retrieval errors.

Explanation

An exception occurred while retrieving data from the Tivoli Storage Productivity Center database for configuration analysis.

Administrator Response

Contact your IBM Support representative.

HWNCC0020E: Configuration Analysis Data Retrieval errors. Message from exception: *message*.

Explanation

An exception occurred while retrieving data from the Tivoli Storage Productivity Center database for configuration analysis.

Administrator Response

Contact your IBM Support representative.

HWNCC0021E: Errors encountered while populating the initial configuration analysis policy information in the database. Message from exception: *message*.

Explanation

An SQL error occurred while populating the initial configuration analysis policy information in the database.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM Support representative.

HWNCC0030E: An error occurred while setting the properties during configuration analysis. A name or value or both in a name value pair are null. Message from exception: *message*.

Explanation

This Exception is thrown when a Name or Value or both in a Name Value pair is null; thrown while setting the Properties (for example, PES_ENGINE=LOCAL) during configuration analysis.

Administrator Response

Contact your IBM Support representative.

HWNCC0031E: An exception occurred while trying to get an appropriate ConfigInfo instance based on the execution environment during configuration analysis. Message from exception: *message*.

Explanation

This exception is thrown while trying to get an appropriate ConfigInfo instance based on the execution environment (for example, file system-based or WAS-based) during configuration analysis.

Administrator Response

Contact your IBM Support representative.

HWNCC0032E: An exception occurred in the Auditor component while trying to create an Auditor Instance or while trying to run an audit for this configuration analysis policy. Message from exception: *message*.

Explanation

An AuditorException is generated when there is an error in the Auditor component. This exception is thrown while trying to create an Auditor Instance or while trying to run an audit for this configuration analysis policy.

Administrator Response

Contact your IBM Support representative.

HWNCC0033E: An exception occurred when parsing the configuration analysis policy XML file. Message from exception: *message*.

Explanation

This exception is thrown when there are problems with parsing of the configuration analysis policy XML file.

Administrator Response

Contact your IBM Support representative.

HWNCC0034E: An error occurred in the policy engine wrapper component during configuration analysis. Message from exception: *message*.

Explanation

An error occurred in the policy engine wrapper component during configuration analysis.

Administrator Response

Contact your IBM Support representative.

HWNCC0035E: Unable to find the policy expression class needed to evaluate the configuration analysis policy. Message from exception: *message*.

Explanation

The policy expression class needed to evaluate the configuration analysis policy was not found.

Administrator Response

Contact your IBM Support representative.

HWNCC0036E: An error occurred while performing a template operation within configuration analysis service. Message from exception: *message*.

Explanation

A TemplateException is generated when there are problems performing a template operation within configuration analysis service.

Administrator Response

Contact your IBM Support representative.

HWNCC0037E: A PolicyValidationException occurred while validating a configuration analysis policy. Message from exception: *message*.

Explanation

A PolicyValidationException is generated when there are problems validating a configuration analysis policy.

Administrator Response

Contact your IBM Support representative.

HWNCC0038E: An exception occurred while retrieving or saving the configuration analysis policy XML files. Message from exception: *message*.

Explanation

A PolicyStorageException occurred while retrieving or saving the configuration analysis policy XML files.

Administrator Response

Contact your IBM Support representative.

HWNCC0500E: An unexpected database exception occurred while creating a configuration history snapshot.

Explanation

An unexpected database exception occurred while creating a configuration history snapshot for the SAN configuration data collected by Tivoli Storage Productivity Center.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM Support representative.

HWNCC0501E: An unexpected internal error occurred while creating a configuration history snapshot.

Explanation

An internal error occurred while creating a configuration history snapshot for the SAN configuration data collected by Tivoli Storage Productivity Center.

Administrator Response

Contact your IBM Support representative.

HWNCC0502E: A request to create configuration history snapshot failed because configuration history function was not enabled.

Explanation

The configuration history function is not enabled. Hence, the request to create configuration history snapshot failed.

Administrator Response

Enable the configuration history function using the Tivoli Storage Productivity Center GUI first. And then create a configuration history snapshot.

HWNCC0503I: Started creating a configuration history snapshot.

Explanation

None.

Administrator Response

None.

HWNCC0504I: Created a configuration history snapshot successfully.

Explanation

None.

Administrator Response

None.

HWNCC0505I: The configuration history function is now enabled to create snapshots at periodic intervals.

Explanation

None.

Administrator Response

None.

HWNCC0506I: The configuration history function to create snapshots at periodic intervals is disabled.

Explanation

None.

Administrator Response

None.

HWNCC0507E: An unexpected database exception occurred while deleting the expired configuration history snapshots.

Explanation

The expired configuration history snapshots of the SAN configuration data collected by Tivoli Storage Productivity Center are deleted from the Tivoli Storage Productivity Center database at periodic intervals. An unexpected database exception occurred while deleting the expired historical analysis snapshots.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, Contact your IBM Support representative.

HWNCC0508E: An unexpected internal error occurred while deleting the expired configuration history snapshots.

Explanation

The expired configuration history snapshots of the SAN configuration data collected by Tivoli Storage Productivity Center are deleted from the Tivoli Storage Productivity Center database at periodic intervals. An unexpected internal error occurred while deleting the expired configuration history snapshots.

Administrator Response

Contact your IBM Support representative.

HWNCC0509E: An unexpected database exception occurred while trying to retrieve the configuration history settings from the database.

Explanation

An unexpected database exception occurred while trying to retrieve the configuration history settings from the Tivoli Storage Productivity Center database.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM Support representative.

HWNEM

HWNEM0001E: The element manager management service failed to obtain a database connection.

Explanation

The element manager management service failed to obtain a database connection.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0002E: An error occurred while attempting to add element manager information to the database.

Explanation

A SQLException was thrown while attempting to insert element manager information into the database. The exception was caught. In response, the transaction was terminated and rolled back. Element manager information was not successfully added to the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0003E: An error occurred while attempting to update element manager information in the database.

Explanation

A SQLException was thrown while attempting to update element manager information in the database. The exception was caught. In response, the transaction was terminated and rolled back. Element manager information was not successfully updated in the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0004E: An error occurred while attempting to remove element manager information from the database.

Explanation

A SQLException was thrown while attempting to remove element manager information from the database. The exception was caught. In response, the transaction was terminated and rolled back. Element manager information was not successfully removed from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0005E: An error occurred while attempting to obtain element manager information from the database.

Explanation

A SQLException was thrown while attempting to obtain element manager information from the database. The exception was caught. Element manager information was not successfully retrieved from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0006E: Failed to transmit request to Data Server to initiate CIMOM discovery job.

Explanation

An error occurred while attempting to kick off a CIMOM discovery job on the Data Server. The request was not successful. A CIMOM discovery job was neither

scheduled nor initiated on the Data Server.

Administrator Response

Verify that the Data Server is up and running. Check the both the Data Server and Device Server log files for error messages that might help figure out what is going on. If such has not already done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0007E: An error occurred while attempting to obtain Data Server information from the database.

Explanation

A SQLException was thrown while attempting to obtain Data Server information from the database. The exception was caught. Data Server information was not successfully retrieved from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0008E: Data Server information was not found in the database. CIMOM discovery could not be scheduled.

Explanation

An attempt was made to retrieve Data Server information from the database. However, no such information was found. Communication with the Data Server is required to schedule CIMOM discovery. Given that information about a Data Server was not available, CIMOM discovery was not initiated successfully.

Administrator Response

Data Server information is stored in T_RES_SERVER. Check that table for a row in which the value in the SERVER_TYPE column is set to 0. If no such row exists, restart the Data Server. Doing so should result in the creation of an appropriate entry in T_RES_SERVER. If, however, the problem persists, contact IBM support.

HWNEM0009E: An error occurred while attempting to obtain the CIMOM URL associated with an element manager from the database.

Explanation

An SQLException was thrown while attempting to obtain the service URL of the CIMOM associated with an element manager. The exception was caught. The CIMOM service URL was not successfully retrieved from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been

done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0010E: An error occurred while attempting to obtain element manager credentials from the database.

Explanation

An SQLException was thrown while attempting to obtain the set of credentials associated with an element manager. The exception was caught. The element manager credentials were not successfully retrieved from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0011E: An error occurred while attempting to remove element manager credentials from the database.

Explanation

An SQLException was thrown while attempting to remove element manager credentials from the database. The exception was caught. In response, the transaction was terminated and rolled back. The element manager credentials were not successfully removed from the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0012E: An error occurred while attempting to store element manager credentials in the database.

Explanation

An SQLException was thrown while attempting to store element manager credentials in the database. The exception was caught. In response, the transaction was terminated and rolled back. The element manager credentials were not successfully stored in the database.

Administrator Response

Verify that the database is up and running. Check the Device Server logs for error messages that might help figure out what is going on. If such has not already been done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0013E: Encountered element manager with malformed URL (*URL*).

Explanation

The URL associated with an element manager was invalid. Processing involving the element manager was not able to proceed.

Administrator Response

Look for the URL specified in the error message in the URL column of the T_RES_REGISTERED_EM table in the database. Attempt to update the URL so that it is no longer invalid. Should the problem persist, contact IBM support.

HWNEM0014E: Encountered element manager with URL containing hostname that could not be resolved by DNS (*URL*).

Explanation

The hostname associated with the element manager could not be resolved in DNS. Processing involving the element manager was not able to proceed.

Administrator Response

Verify that the hostname specified in the error message looks correct and that it can be pinged from the Device Server machine. If it cannot be reached from the Device Server machine, check the DNS configuration of the Device Server machine and its surrounding environment. Should everything look good, and the problem persist, contact IBM support.

HWNEM0015E: Failed to clone element manager.

Explanation

An error occurred while attempting to clone an element manager.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0016E: Failed to encrypt element manager password.

Explanation

An error occurred while attempting to encrypt an element manager password.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0017E: Failed to decrypt element manager password.

Explanation

An error occurred while attempting to decrypt an element manager password.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0018E: Failed to send request to Data Server (*dataServerHost:dataServerPort*).

Explanation

An error occurred while attempting to send a request to the Data Server.

Administrator Response

Verify that the Data Server is up and running. Check the both the Data Server and Device Server log files for error messages that might help figure out what is going on. If such has not already done, consider turning on the maximum level of tracing to aid in resolution of the issue. Should the problem persist, contact IBM support.

HWNEM0019I: Attempting to schedule discovery on Data Server for *number* CIMOM(s) (*CIMOM URLs*)...

Explanation

Informational message.

Administrator Response

N/A.

HWNEM0020I: Successfully scheduled discovery on Data Server for *number* CIMOM(s).

Explanation

Informational message.

Administrator Response

N/A.

HWNEM0021I: CIMOM discovery was not scheduled on Data Server. No CIMOMs are associated with the specified set of element managers.

Explanation

Informational message.

Administrator Response

N/A.

HWNEM0022E: Failed to authenticate with ESSNI server associated with element manager at *URL* using ESSNI user ID *ESSNI user ID*.

Explanation

The Device Server was not able to login to the ESSNI server associated with the element manager at the specified URL. The ESSNI user ID and / or password was / were incorrect.

Administrator Response

Update the credentials used to connect to the ESSNI server and try again. Should valid credentials be specified and the problem persist, contact IBM support.

HWNEM0023E: The ESSNI server associated with the element manager at *URL* is not available.

Explanation

The Device Server was not able to connect to the ESSNI server associated with the element manager at the URL specified in the message.

Administrator Response

Verify that the ESSNI server is up and running. Use a tool like 'ping' to verify that it can be reached from the Device Server. Should everything check out fine and the problem persist, contact IBM support.

HWNEM0026E: An error occurred while attempting to retrieve version information from the ESSNI server associated with the element manager at *URL*.

Explanation

An error occurred while attempting to retrieve version information from the ESSNI server associated with the element manager at the specified URL. The operation failed.

Administrator Response

Check the ESSNI server logs for error messages that might help figure out what is going on. Should the problem persist, contact IBM support.

HWNEM0029E: Failed to set element manager credentials. Specified Element manager does not exist.

Explanation

An attempt was made to set credentials for an element manager that does not exist. The attempt failed.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0100E: The element manager's URL is not in the correct format.

Explanation

The element manager could not be added to the master console because the information used to construct the URL of the element manager's administration console was wrong.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0101E: Change the default administrator password now to avoid security conflicts.

Explanation

Retaining a password with its known default value is an insecure practice.

Administrator Response

Change the password to a value other than the default.

HWNEM0102E: The element manager already exists.

Explanation

The user is attempting to add a duplicate of an element manager already defined in TPC.

Administrator Response

Change the settings so that the element manager you are trying to add is unique.

HWNEM0103E: A problem occurred adding the element manager to TPC.

Explanation

Some unexpected error occurred when attempting to add the element manager.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0104E: Login to the element manager failed. Check the user credentials.

Explanation

The element manager's credentials cannot be authenticated.

Administrator Response

Make sure you are entering the element manager username and password correctly.

HWNEM0105E: The request contained data in an unexpected format

Explanation

The servlet received a request with data in an unexpected format.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0106E: The request did not contain the expected information.

Explanation

The servlet received a request that did not contain the expected data.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0107E: The request contained an unsupported action.

Explanation

The servlet received a request containing an undefined action.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0108E: Connection test to CIMOM *URL* FAILED due to *status code*.

Explanation

The servlet received a request containing an undefined action.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0109E: Connection test to Element Manager failed.

Explanation

Either the element manager information was entered incorrectly or there was a problem communicating with the element manager.

Administrator Response

Check element manager details. Ensure that the element manager is online and that there is a working network connection between both boxes.

HWNEM0111E: A problem occurred locating the element manager in TPC.

Explanation

Element manager not found in the TPC Database.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0112E: A problem occurred updating the element manager to TPC.

Explanation

Some unexpected error occurred when attempting to update the element manager.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0113E: A problem occurred removing the CIMOM from the element manager.

Explanation

Some unexpected error occurred when attempting to remove the CIMOM.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0114E: A problem occurred locating the CIMOM associated with the element manager.

Explanation

Some unexpected error occurred when attempting find the element manager's CIMOM. It could not be found.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0115E: Unable to establish an https connection to the element manager.

Explanation

The servlet received a request containing an undefined action.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0116E: A problem occurred removing the element manager from TPC.

Explanation

Some unexpected error occurred when attempting to remove the element manager.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0117E: A problem occurred testing the connection to the element manager.

Explanation

Some unexpected error occurred when attempting to test the connection to the element manager.

Administrator Response

This is an internal error. Contact IBM support.

**HWNEM0118I: Connection test to the element manager
element manager passed.**

Explanation

A connection test was successfully performed on the specified element manager with the displayed result.

Administrator Response

The connection test passed and no further action is required.

**HWNEM0119E: Connection test to the element manager
element manager failed.**

Explanation

A connection could not be established to the specified element manager.

Administrator Response

There could be a number of reasons for the failure, including, but not restricted to the element manager's machine being down, network problems or the element manager settings in TPC.

HWNEM0120E: TPC is unable to communicate with the element manager, the problem could be the element manager is not running, a network communication error or user credentials stored in TPC are incorrect.

Explanation

A token is required to be exchanged for launching the element manager. No valid token is available. This could be for a number of reasons such as: the element manager might not be running, the network connection might be broken or the element manager user credentials might be wrong.

Administrator Response

Verify that the element manager is running at the specified location and that the network connection is good. Check user credentials.

HWNEM0121I: Connection test to the CIM Agent *CIM Agent* passed.

Explanation

A connection test was successfully performed on the specified CIM Agent with the published result.

Administrator Response

The connection test passed no further action is required.

HWNEM0122I: Connection test to the CIM Agent *CIM Agent* failed.

Explanation

A connection could not be established to the specified CIM Agent.

Administrator Response

There could be a number of reasons for the failure, including, but not restricted to the CIM Agent's machine being down, network problems or the CIM Agent settings in TPC.

HWNEM0123E: Before executing the action the user must select an element manager from the table.

Explanation

The action requires an element manager to execute the action.

Administrator Response

Select an element manager from the table.

HWNEM0124E: There is no CIM Agent associated with the selected element manager.

Explanation

The action requires that an element manager has an associated CIM Agent.

Administrator Response

No action necessary since the action is not relevant at this time.

HWNEM0125I: The element manager is about to be removed. Once removed the element manager will not be accessible from TPC. Do you wish to continue.

Explanation

Removes the reference to the element manager from the TPC. Once the deletion is completed the element manager will not be accessible from TPC. If access to the element manager is required in future then the element manager needs to be readded.

Administrator Response

Click cancel to take no further action and maintain access to the element manager.
Click OK to proceed with the removal of the element manager.

HWNEM0126I: The element manager is about to be removed. Once removed the element manager will not be accessible from TPC. Do you wish to continue.

Explanation

Removes the reference to the element manager from the TPC. Once the deletion is completed the element manager will not be accessible from TPC. If access to the element manager is required in future, the element manager will need to be re-added.

Administrator Response

Click cancel to take no further action and maintain access to the element manager.
Click OK to proceed with the removal of the element manager.

HWNEM0127E: An internal processing error occurred while servicing the last request.

Explanation

An unexpected error occurred when the backend configuration processed a request.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0128E: The element manager is not available. Ensure that the element manager's credentials are defined and up to date.

Explanation

The element manager can not be reached or logged onto.

Administrator Response

Ensure that the element manager's user credentials are correct and that the element manager is accessible. If the user credentials are undefined or out of date, update them.

HWNEM0129E: An unexpected error occurred changing the element manager's default password.

Explanation

Some unexpected error occurred when the backend configuration processing a request.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0130E: CIM connection was added to the element manager, however the CIM discovery job failed to launch.

Explanation

Some unexpected error occurred when the backend configuration processing a request.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0131I: The DS8000 CIM Agent has been added successfully. Tivoli Storage Productivity Center has started the discovery job for the DS8000 storage subsystem managed by this CIM Agent. To check the status of the jobs, go to the Tivoli Storage Productivity Center perspective and check the following navigation tree nodes: Administrative Services -> Discovery -> CIMOM

Explanation

The CIMOM connection was successfully added and the CIMOM discovery job was launched.

Administrator Response

No action necessary.

HWNEM0132I: CIMOM connection was removed from element manager.

Explanation

The CIMOM connection was successfully removed.

Administrator Response

No action necessary.

HWNEM0133E: Internal error occurred, the element manager info for launching the element manager could not be located in the TPC DB.

Explanation

An unexpected error occurred because expected information was missing from the database.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0134E: The user session data is no longer available. To continue restart the TPC GUI.

Explanation

Some unexpected error occurred that resulted in the required user information being lost.

Administrator Response

This is an internal error. Contact IBM support.

HWNEM0135E: Unable to contact the device server. It appears to be down.

Explanation

TPC device server is down.

Administrator Response

Restart the device server.

HWNEM0136I: The DS8000 Element Manager at *IP Address* has been added successfully.

Explanation

Successfully added the element manager.

Administrator Response

None.

HWNEM0137I: *service.method* **TPC User** *TPC user* **launched DS8000 Element Manager IP Address under the alias of DS8000 user name.**

Explanation

Successfully launched the element manager.

Administrator Response

None.

HWNEM0138I: The DS8000 CIM Agent has been modified successfully. Tivoli Storage Productivity Center has started the discovery job for the DS8000 storage subsystem managed by this CIM Agent. To check the status of the jobs, go to the Tivoli Storage Productivity Center perspective and check the following navigation tree nodes: Administrative Services -> Data Sources -> Discovery -> CIMOM

Explanation

CIMOM connection successfully modified and the CIMOM discovery job launched.

Administrator Response

No action necessary.

HWNEM0139I: The DS8000 CIM Agent has been modified successfully.

Explanation

CIMOM connection successfully modified.

Administrator Response

No action necessary.

HWNEM0140W: The element manager GUI cannot be accessed because no username and password have been specified by the currently logged in TPC user. Element manager credentials are managed on a per TPC user basis. The element manager GUI will be appear after correct username and password information has been provided.

Explanation

CIM discovery does not provide the element manager username and password. The message will be displayed if the user attempts to launch the element manager GUI after CIM discovery without manually updating the element manager's user credentials.

Administrator Response

Dismiss the popup dialog. The edit element manager dialog appears. Complete the user name and password fields. On successful update of the fields the element manager is automatically launched.

HWNEM0141E: The length of the CIMOM's text description is too long. The description should be 255 characters or less.

Explanation

The description length is limited to 255 characters.

Administrator Response

Re-enter the text description in 255 or less characters

HWNEM0142E: An element manager named *manager.name* already exists.

Explanation

The name of an element manager must be unique across the element managers defined in TPC. The user has attempted to name an element manager with a name that has already been used.

Administrator Response

Choose a new name for the element manager.

HWNEM0143E: The DS8000 Element Manager Console is only accessible from the IBM Tivoli Storage Productivity Center. To access it, open Tivoli Storage Productivity Center and switch to the DS8000 Element Manager perspective.

Explanation

The user has attempted to access the DMC perspective panels from an external browser session external to the IBM Tivoli Storage Productivity Center. The panel is only accessible from within IBM Tivoli Storage Productivity Center.

Administrator Response

Access the DS8000 Element Manager Console from IBM Tivoli Storage Productivity Center.

HWNLML

HWNLML0001I: An integrated SAN Planner job started with schedule *creator.schedule name*

Explanation

None.

Administrator Response

None.

HWNLML0002E: The integrated SAN Planner job completed with errors. Message from exception: *message*.

Explanation

The SAN Planner job failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNLML0003I: The integrated SAN Planner job completed.

Explanation

None.

Administrator Response

None.

HWNLML0004W: The integrated SAN Planner job completed with warnings.

Explanation

None.

Administrator Response

None.

HWNLML0005E: The integrated SAN Planner job completed with errors.

Explanation

The SAN Planner job failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNLM0006I: Zone set *zone set name* created on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNLM0007I: Zone *zone name* created on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNLM0008I: Zone *zone name* added to zone set *zone set name* on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNLM0009I: A list of ports added to zone *zone name* for zone set *zone set name* on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNLM0010I: Activated zone set *zone set name* on fabric *zone set name*.

Explanation

None.

Administrator Response

None.

HWNLMM0011I: Started to create storage volumes.

Explanation

None.

Administrator Response

None.

HWNLMM0012E: The creation of storage volumes completed with errors.

Explanation

The creation of storage volumes failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNLMM0013I: Completed creating storage volumes.

Explanation

None.

Administrator Response

None.

HWNLMM0014I: Started to assign storage volumes to WWPNS.

Explanation

None.

Administrator Response

None.

HWNLMM0015E: The assignment of storage volumes to WWPNS completed with errors.

Explanation

The assignment of storage volumes to WWPNS failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNLMM0016I: Completed assigning storage volumes to WWPNS.

Explanation

None.

Administrator Response

None.

HWNL0017E: The command to discover new volumes on host *host id* failed with status *status*}.

Explanation

The discovery of new volumes on the host failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0018E: The command to set the multipath policy on host *host id* failed with status *status*}.

Explanation

Setting the multipath policy on the host failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0019I: Completed startTransaction command on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNL0020I: Completed commitTransaction command on fabric *fabric wwn*.

Explanation

None.

Administrator Response

None.

HWNL0021E: The startTransaction command on fabric *fabric wwn* failed with return code *return code*.

Explanation

The command failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0022E: Creation for Zone set zone set name on fabric fabric wwn failed with return code return code.

Explanation

The zone set creation failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0023E: Creation for Zone zone name created on fabric fabric wwn failed with return code return code.

Explanation

The zone creation failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0024E: Adding Zone zone name to zone set zone set name on fabric fabric wwn failed with return code return code.

Explanation

Adding zone to the zone set failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0025E: Adding ports to zone zone name for zone set zone set name on fabric fabric wwn failed with return code return code.

Explanation

Adding port to the zone failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0026E: Activated zone set zone set name on fabric zone set name failed with return code return code.

Explanation

Activating the zone set failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0027E: The commitTransaction command on fabric *fabric wwn* failed with return code *return code*.

Explanation

The command failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNL0028I: Starting new volume discovery on host *host*.

Explanation

None.

Administrator Response

None.

HWNL0029I: Completed new volume discovery on host *host*.

Explanation

None.

Administrator Response

None.

HWNL0030I: Assignment(s) between Volume *volume id* and Host Port(s) *host ports* already exist, no assignment actions will happen for these paths.

Explanation

None.

Administrator Response

None.

HWNL0031W: Since multiple Storage Resource Groups were provided as input to the plan, the newly created volumes will not be added to any Storage Resource Groups.

Explanation

Newly created volumes will automatically be added to a Storage Resource Group only if a single Storage Resource Group is provided as input to the plan.

Administrator Response

If you want newly created volumes to automatically be placed into the Storage Resource Group, then use only one Storage Resource Group as input to the SAN Planner.

HWNL0300I: A Path Planner job started with multipath policy (*multipath*), redundant fabric policy (*rFabric*), multipath mode (*mode*), and (*paths*) number of paths.

Explanation

None.

Administrator Response

None.

HWNL0301I: The Path Planner job completed.

Explanation

None.

Administrator Response

None.

HWNL0302E: Multiple paths are not supported on host *host name* as it has only one port.

Explanation

The host requires two or more HBA ports in order for multiple paths to be support

Administrator Response

Modify the planner input and try again.

HWNL0303E: No common fabrics between *Host* and *Subsystem*

Explanation

There are no common fabrics connecting the host and subsystem.

Administrator Response

Modify the planner input and try again.

HWNL0304E: There is an insufficient number of possible paths between *Host* and *Subsystem*. The number of possible paths *possiblePaths* are less than the required number of paths *paths*.

Explanation

The total number of possible paths is less than the required number of paths.

Administrator Response

Modify the planner input and try again.

HWNL0305E: Cannot create redundant paths using the specified *paths* number of paths.

Explanation

Redundant fabrics requires an even number of paths.

Administrator Response

Modify the planner input and try again.

HWNL0306E: There are less than two fabrics in common between host *Host* and storage subsystem *Subsystem*.

Explanation

Redundant fabrics requires 2 or more fabrics linking each host with each subsystem.

Administrator Response

Modify the planner input and try again.

HWNL0500I: The user specified maximum number of zones is *user zones* however the current number of zones is *current zones*.

Explanation

None.

Administrator Response

None.

HWNL0501E: The maximum number of zones in a fabric policy was violated.

Explanation

The number of zones the Zone Planner generated are more than the maximum number of zones that the user specified.

Administrator Response

Modify the planner input and try again.

HWNLMM0502E: The zone per host policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per host guidance policy.

Administrator Response

Modify the planner input and try again.

HWNLMM0503E: The zone per HBA policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per HBA guidance policy.

Administrator Response

Modify the planner input and try again.

HWNLMM0504E: The zone per cluster policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per cluster guidance policy.

Administrator Response

Modify the planner input and try again.

HWNLMM0505E: The zone per controller policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per controller guidance policy.

Administrator Response

Modify the planner input and try again.

HWNLMM0506E: The zone per controller type policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per controller type guidance policy.

Administrator Response

Modify the planner input and try again.

HWNL0507E: The zone per fabric policy was violated.

Explanation

The Zone Planner cannot satisfy the zone per fabric guidance policy.

Administrator Response

Modify the planner input and try again.

HWNL0508I: Zone Set *zone set name* was created.

Explanation

None.

Administrator Response

None.

HWNL0509I: Zone *zone name* was created.

Explanation

None.

Administrator Response

None.

HWNL0510I: Zone *zone name* was added to Zone Set *zone set name*.

Explanation

None.

Administrator Response

None.

HWNL0511I: Host port *port id* was added to Zone *zone name*.

Explanation

None.

Administrator Response

None.

HWNL0512I: Subsystem port *port id* was added to Zone *zone name*.

Explanation

None.

Administrator Response

None.

HWNL0513I: Security Planner started with guidance Policy (*guidance*), validation policies (*validation*), fabric WWN (*fabricWWN*), and using active zone set (*zone set name*).

Explanation

None.

Administrator Response

None.

HWNL0514I: The Zone Planner completed.

Explanation

None.

Administrator Response

None.

HWNL0700E: Storage pool recommendations cannot be given because a storage subsystem is not selected as input.

Explanation

In order to recommend storage pools, a storage subsystem must first be selected as input.

System action

Administrator Response

Select a storage subsystem and try again.

HWNL0701E: The selected planner cannot occur because a storage subsystem is not selected as input.

Explanation

In order to continue, a storage subsystem must first be selected as input.

System action

Administrator Response

Select a storage subsystem and try again.

HWNLM0702E: The selected planner cannot occur because a computer is not selected as input.

Explanation

In order to continue, a computer must first be selected as input.

System action

Administrator Response

Select a computer and try again.

HWNLM0703E: The selected planner(s) cannot occur because a computer and/or volume is not selected as input.

Explanation

In order to continue, a computer and/or storage volume must first be selected as input.

System action

Administrator Response

Select a computer and/or storage volume and try again.

HWNLM0704E: The selected planner cannot occur because a volume is not selected as input.

Explanation

In order to continue, a storage volume must first be selected as input.

System action

Administrator Response

Select a storage volume and try again.

HWNLM0705E: Storage pool recommendation can not be done because there is already a storage volume selected as input.

Explanation

In order to recommend storage pools, a storage volume must not be selected as input.

System action

Administrator Response

Unselect the storage volume as input and try again.

HWNL0706E: The selected planner cannot occur because there is already a volume selected as input.

Explanation

In order to continue, a storage volume must not be selected as input.

System action

Administrator Response

Unselect the storage volume as input and try again.

HWNL0707E: The selected planner(s) cannot occur because a subsystem or computer is not selected as input.

Explanation

In order to continue, a computer and/or storage subsystem must first be selected as input.

System action

Administrator Response

Select a computer and/or storage subsystem and try again.

HWNL0708E: The total required space (*total space MB*) exceeds to total available space (*total space MB*) available. This could be due to insufficient space in the selected storage subsystem's controller(s) or pool(s), or the selected RAID level does not have enough free space.

Explanation

Based on the Planner input, there is not enough free space for the request.

Administrator Response

Either reduce the required space or select another storage subsystem or pool with enough free space.

HWNL0709E: The storage cannot be assigned to the specified hosts due to insufficient LUN addresses.

Explanation

The number of LUN addresses on the host is at its maximum.

Administrator Response

Select another host to assign the storage to and try again.

HWNLM0710E: The specified total size to be allocated (*total space* MB) is invalid. It must be positive and an integral multiple of 100.

Explanation

The total size specified is an invalid number.

Administrator Response

Correct the total size value and try again.

HWNLM0711E: The specified minimum volume size (*minimum size* MB) is invalid. It must be positive and an integral multiple of 100.

Explanation

The minimum volume size specified is an invalid number.

Administrator Response

Correct the minimum size value and try again.

HWNLM0712E: The specified maximum volume size (*maximum size* MB) is invalid. It must be positive and an integral multiple of 100.

Explanation

The maximum volume size specified is an invalid number.

Administrator Response

Correct the maximum size value and try again.

HWNLM0713E: Invalid minimum, maximum, and/or total sizes were specified. Minimum size (*minimum size* MB) must be less than or equal to maximum size (*maximum size* MB) which must be less than or equal to the total size (*total size* MB).

Explanation

The specified minimum, maximum, and/or total volume size is invalid.

Administrator Response

Correct the invalid minimum, maximum, and/or total volume sizes and try again.

HWNL0714E: Host *Host* does not have multipath support because it only has one Fibre Channel port.

Explanation

In order for the host to have multipath support, there needs to be at least two Fibre Channel ports on the host.

Administrator Response

Select a host capable of multipath support and try again.

HWNL0715E: There are no common fabrics between host *Host* and storage subsystem *Subsystem*.

Explanation

In order for the SAN Planner action to proceed, there needs to be at least one common fabric between the host and storage subsystem.

Administrator Response

Select a host and storage subsystem within the same fabric and try again.

HWNL0716E: There needs to be at least two common fabrics between host *Host* and storage subsystem *Subsystem* in order to use the redundant fabric option.

Explanation

In order to use the redundant fabric option, there needs to be at least two common fabrics between the host and storage subsystem.

Administrator Response

Either uncheck the redundant fabric option or select a host and storage subsystem that have two fabrics common between them and try again.

HWNL0718E: Cannot create redundant paths using the specified *paths* number of paths.

Explanation

Redundant fabrics requires an even number of paths.

Administrator Response

Modify the planner input and try again.

HWNL0719E: Host *host* does not have a Host Bus Adapter (HBA) installed. Please select a host with a HBA installed and try again.

Explanation

The Path Planner requires Fibre Channel connectivity between the host and the storage subsystem. Without a Host Bus Adapter installed this connectivity cannot be made and storage subsystem volumes cannot be assigned to the host.

Administrator Response

Select another host or install a Host Bus Adapter on this host and try again.

HWNL0720E: The Plan failed to generate due to storage subsystem *Subsystem* not having any volumes identified for Planning use. Please select another storage subsystem and try again.

Explanation

Host volume assignment requires at least one volume to be identified for use by the Storage Planner.

Administrator Response

Modify the planner input and try again.

HWNL0721E: A supported multipath driver is not installed on host *Host*.

Explanation

The selected host does not have a supported multipath driver installed. Currently, the only supported multipath driver is IBM SDD.

Administrator Response

Select a host with a supported multipath driver and try again.

HWNL0722E: There is an insufficient number of Fibre Channel paths between host *Host* and storage subsystem *Subsystem*. Requested Paths paths were requested but there are only Possible Paths paths available.

Explanation

The number of Fibre Channel paths available is less than the user requested number of paths.

Administrator Response

Either add more Fibre Channel paths or decrease the number of required paths and try again.

HWNLM0723E: The specified *Paths* number of paths must be even in order to use the redundant fabric option.

Explanation

In order to use the redundant fabric option, the requested number of paths must be even.

Administrator Response

Either select an even number of paths or uncheck the redundant fabric option then try again.

HWNLM0724E: The number of zones in fabric *fabric* will be *number of zones*. This is larger than the *max zones* maximum number of zones specified.

Explanation

If this Planner action would continue, the resulting number of zones would exceed the user specified maximum number of zones.

Administrator Response

Either increase the maximum number of zones or change the Planner inputs and try again.

HWNLM0725E: Storage pool data does not exist for storage subsystem *subsystem*. This is either due to not running a storage subsystem probe or not having any fixed block formatted storage pools on the subsystem.

Explanation

In order for the Volume Planner to continue, it requires the selected storage subsystem to have a valid storage pool.

Administrator Response

First verify the storage subsystem has been probed. If it has been probed, verify the storage subsystem's storage pools are fixed block formatted and not CKD formatted.

HWNLM0726E: Performance data does not exist for storage subsystem *subsystem*. Either run a TPC Performance Monitor against this storage subsystem or under the Volume Planner, select the 'Space Only' Performance Profile option.

Explanation

The Volume Planner requires performance data in order to determine what the best plan of action will be for the selected storage subsystem and Planner options. Without performance data, you can still proceed by selecting the 'Space Only' Performance Profile option. With this option selected, the Volume Planner will make all decisions based solely on the storage capacity levels.

Administrator Response

Either run a TPC Performance Monitor against this storage subsystem or select the 'Space Only' Performance Profile option under the Volume Planner and try again.

HWNLM0727E: Data Agent on computer *computer* is at a down-level version. In order for the Path Planner to proceed, the Data Agent must be at version 3.3 or higher.

Explanation

The Path Planner requires new functionality added to the Data Agent in TPC version 3.3 in order to interact with the multipath driver installed on the same computer as the Data Agent.

Administrator Response

Upgrade the Data Agent to version 3.3 or higher and try again.

HWNLM0728E: An unexpected internal error occurred. Please contact IBM customer technical support.

Explanation

The SAN Planner job failed due to an unexpected error.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNLM0729E: The resulting SAN Planner actions include creating a zoneset on McData fabric *fabric* WWN. Since there is already an active zone set, please select the 'Use active zone set' option under the Zone Planner and try again.

Explanation

Since TPC 3.3 supports only inband fabric agents for McData, there is a current limitation that only one zoneset can be defined for the fabric. An existing zone set must be deleted before a new one can be created, otherwise newly created zone set will replace the current active zone set.

Administrator Response

Select the 'Use active zone set' option under the zone planner and try again, so SAN Planner will add the recommended zone(s) into current active zone set.

HWNLM0730E: SDD version 1.6.2.3 installed on HP host *host* is not supported by TPC.

Explanation

HP SDD version 1.6.2.3 has a problem which will cause the SAN Planner action to fail.

Administrator Response

A problem with the SDD 'cfgvpath -r' command causes a failure. This is specific to SDD version 1.6.2.3 on HP-UX only. Please upgrade to a different SDD version and try again.

HWNL0731E: The computer probe for computer *host* was incomplete. Please attempt another computer probe and try again.

Explanation

The SAN Planners were unable to obtain multipath driver information obtained from a computer probe.

Administrator Response

An unknown problem caused the computer probe to be incomplete. Check the computer probe's job log to determine the problem and try again.

HWNL0732E: DM-Multipath installed on Linux host *host* does not support the selected Multipath mode.

Explanation

The selected host has DM-Multipath installed which only supports the round-robin mode.

Administrator Response

DM-Multipath only supports the round-robin mode. Please select this multipath option.

HWNL0733E: Data Agent on computer *computer* is at a down-level version. In order for the Path Planner to proceed, the Data Agent must be at version 4.1 or higher.

Explanation

The Path Planner requires new functionality added to the Data Agent in TPC version 4.1 in order to interact with the multipath driver installed on the same computer as the Data Agent.

Administrator Response

Upgrade the Data Agent to version 4.1 or higher and try again.

HWNMG0001I: The Tivoli Storage Productivity Center 4.1 database migration program version (*version*) is starting.**Explanation**

The migration program is starting. The version of the program is displayed for informational purposes.

Administrator Response

No action is required.

HWNMG0002E: An error occurred during the migration.**Explanation**

An error occurred while running the migration program. There might be other preceding error messages indicating the exact nature of the error. Note that some tables might already have been migrated successfully before the failure. These tables will not be migrated again, even if the database migration program is restarted.

Administrator Response

See the earlier error messages and their respective explanations. If more information is needed, rerun the migration program with the `--debug` parameter to receive additional details about the error. If necessary, contact IBM customer technical support to diagnose the problem.

HWNMG0003W: Database migration does not support table *table name*. This table will not be migrated.**Explanation**

The migration program only supports select database tables. One or more of the table names passed in with the `-t` or `-tables` parameter are not supported and will not be migrated.

Administrator Response

If you used the `-t` or `-tables` command-line parameter, do not pass in the specified table to the database migration program as an argument. You can ignore this error.

HWNMG0004E: An error occurred while attempting to establish a database connection.**Explanation**

The migration program was unable to establish a connection to the database. Check for any preceding error messages with more information.

Administrator Response

1. Confirm that the database is currently operational. 2. Ensure that the `tsnmdbparms.properties` file has the correct connection information. 3. If you are specifying the connection information using command-line parameters rather than using the `tsnmdbparms.properties` contents, ensure that the specified arguments passed to the database migration program are correct.

HWNMG0005E: A database connection was not provided. The migration program cannot be run.

Explanation

An existing database connection was not provided to the migration program when invoked from another program, such as the installation program.

Administrator Response

If invoking this program from another program, provide a database connection to be used.

HWNMG0006I: Retrieving database connection properties.

Explanation

The migration program is attempting to obtain the proper information from the `tsnmdbparms.properties` file to establish a connection with the database. Any parameters passed to the migration program from the command line will override their respective property from this file.

Administrator Response

No action is required.

HWNMG0007E: Unable to retrieve database connection properties.

Explanation

One or more properties from the `tsnmdbparms.properties` file or from a parameter passed to the migration program is incorrect. This usually results in not being able to establish a database connection. In some cases, the migration program might be unable to properly decrypt the database password specified in the `tsnmdbparms.properties` file.

Administrator Response

1. Ensure that the `tsnmdbparms.properties` file has the correct connection information. 2. Try overriding the properties file by passing in the parameters from the command line: `-user` the user ID used to connect to the database. `-password` the user's password used to connect to the database. 3. Run the migration program with the parameter `--debug` to check the property values the program is attempting to use.

HWNMG0008E: Unable to find the database properties file, *file name*.

Explanation

The migration program was unable to find the `tsnmdbparms.properties` file. The migration program attempts to use default values, and parameters passed to the migration program to establish database connections.

Administrator Response

Both the Tivoli Storage Productivity Center Data and Device servers must be installed to automatically discover the `tsnmdbparms.properties` file. Otherwise, the location of the properties file might be passed to the database migration program with the `-dbProp` parameter. Alternatively, the database connection information might be passed in separate parameters, but this error message will still be logged.

HWNMG0009E: Unable to read the database properties file, *file name*.

Explanation

An error occurred when the migration program attempted to open the `tsnmdbparms.properties` file. The file might not exist or the user running the migration program is not authorized to read the file.

Administrator Response

1. Ensure that the `tsnmdbparms.properties` file exists under the Tivoli Storage Productivity Center installation location's `device/conf` directory. 2. Ensure that the user running the migration program is authorized to read the `tsnmdbparms.properties` file.

HWNMG0010E: An error occurred when attempting to drop user-defined functions and views. Unable to proceed with the database migration.

Explanation

A critical error occurred while dropping user-defined functions and views. The migration program was unable to proceed with migrating all the planned database tables.

Administrator Response

Contact IBM customer technical support.

HWNMG0011I: Table *table name* has already been migrated.

Explanation

The specified table has already been migrated by a previous run of the migration program. The table will not be migrated a second time. Any remaining tables that need to be migrated will still be migrated.

Administrator Response

No action is required.

HWNMG0012I: Migrating table *table name*.

Explanation

The migration program will begin migrating the specified table.

Administrator Response

No action is required.

HWNMG0013I: Successfully migrated table *table name*.

Explanation

The specified table was successfully migrated.

Administrator Response

No action is required.

HWNMG0014E: Failed to migrate table *table name*.

Explanation

An error occurred while attempting to migrate the specified table. There might be preceding error messages indicating the exact nature of the error.

Administrator Response

See preceding error messages and their respective explanations. You might also try rerunning the database migration program with the `--debug` parameter for additional information to assist IBM customer technical support.

HWNMG0015I: Processed table *current table number* of *total number of tables to migrate*.

Explanation

This is a status message indicating the progress of the database migration program.

Administrator Response

No action is required.

HWNMG0016I: The Tivoli Storage Productivity Center 4.1 database migration program finished migrating the tables.

Explanation

The migration program has finished running.

Administrator Response

No action is required.

HWNMG0017I: Dropping views used by user-defined functions.

Explanation

The migration program is dropping the views used by user-defined functions. This is part of the normal operation of the migration program. All required views and user-defined functions will be recreated before the migration program completes.

Administrator Response

No action is required.

HWNMG0018W: Unable to drop view *view name*.

Explanation

The migration program was unable to drop the specified view. This might be due to either another view or user-defined function being dependent on this view. In some cases, this is not an issue and the migration of tables will not be impacted. In other cases, the inability to drop a view will prevent a table from being successfully migrated.

Administrator Response

If subsequent error messages indicate that one or more database tables failed to be migrated, the problem might be due to the inability to drop the view. Rerun the migration program, and if the problem persists, contact IBM customer technical support. If you or another Tivoli Storage Productivity Center user has created any customized views or user-defined functions in the Tivoli Storage Productivity Center database that are not part of the Tivoli Storage Productivity Center database schema, remove them and rerun the migration program. Customization of the Tivoli Storage Productivity Center database is not supported and is highly discouraged.

HWNMG0019I: Dropping user-defined functions.

Explanation

The migration program is dropping user-defined functions. This is part of the normal operation of the migration program. All required views and user-defined functions will be recreated before the migration program completes.

Administrator Response

No action is required.

HWNMG0020W: Unable to drop user-defined function *function name*.

Explanation

The migration program was unable to drop the specified function. This might be due to either a view or another user-defined function being dependent on this one. In some cases, this is not an issue and the migration of tables will not be impacted. In other cases, the inability to drop the function will prevent a table from being migrated.

Administrator Response

If subsequent error messages indicate that one or more database tables failed to be migrated, the problem may be due to the inability to drop the user-defined function. Rerun the migration program, and if the problem persists, contact IBM customer technical support. If you or another Tivoli Storage Productivity Center user has created any customized views or user-defined functions in the Tivoli Storage Productivity Center database that are not part of the Tivoli Storage Productivity Center database schema, remove them and rerun the migration program. Customization of the Tivoli Storage Productivity Center database is not supported and is highly discouraged.

HWNMG0021I: Creating user-defined functions.

Explanation

The migration program is recreating the user-defined functions and views that had to be dropped previously in order to migrate the tables.

Administrator Response

No action is required.

HWNMG0022I: Processing file: *file name*, number of SQL statements.

Explanation

The migration program is processing the specified file so that user-defined functions or views can be created.

Administrator Response

No action is required.

HWNMG0023E: Failed processing SQL statement (SQL number): \n SQL statement.

Explanation

The migration program was unable to run the specified SQL statement to create a user-defined function or view. This might have failed because the function or view already exists. If the function or view already exists, no action is needed.

Administrator Response

Try running the given SQL statement outside of the migration program. If the SQL statement fails, check the database tables SYSIBM.SYSVIEWS and SYSIBM.SYSROUTINES to see if the user-defined function or view already exists.

HWNMG0024E: Failed to open file *file name*.

Explanation

The migration program was unable to open the specified file to process the SQL statements so that user-defined functions or views can be created.

Administrator Response

Check if the file exists and if the user running the migration program has the authority to read the file.

HWNMG0025E: An error occurred while recreating user-defined functions and views.

Explanation

An exception occurred while creating user-defined functions and views.

Administrator Response

Rerun the migration program with the --debug parameter to obtain additional information about the error, and then contact IBM customer technical support.

HWNMG0026E: Unable to read UDF directory.

Explanation

The migration program was unable to read the contents of the exposed views directory containing the SQL files used to create the user-defined functions and views.

Administrator Response

Check to see if the exposed views directory exists and if the user running the migration program has the required authority to read the directory.

HWNMG0027E: The UDF directory was empty.

Explanation

The exposed views directory did not contain any SQL files used to create user-defined functions and views.

Administrator Response

Check that the correct exposed views directory was provided to the migration program.

HWNMG0028E: The UDF.sql file was not found.

Explanation

The exposed view directory did not contain the UDF.sql file. This file is the primary source of user-defined functions and views. Without this file, subsequent functions and views cannot be created.

Administrator Response

Check to see if the correct exposed views directory was provided to the migration program.

**HWNMG0029E: An unknown argument was specified:
parameter.**

Explanation

An unknown parameter was specified on the command line when the migration program was run.

Administrator Response

Check for any mistakes in the parameters passed to the migration program. Rerun the migration program again with the corrected parameter or omit the parameter.

HWNMG0030I: Inserted *number of rows* into table *table name*.

Explanation

The number of rows inserted into the database table is logged as a status message.

Administrator Response

No action is required.

**HWNMG0031E: An error occurred while parsing the input
parameters: *parameter*.**

Explanation

One of the parameters passed to the migration program could not be parsed.

Administrator Response

Check for any mistakes in the parameters passed to the migration program. Rerun the migration program again with the corrected parameter or omit the parameter.

**HWNMG0032I: Running a table or index reorganization for
table *table name*.**

Explanation

A REORG command is being run against the specified table and its indexes. This is part of the normal operation of the migration program. Sometimes it is necessary to run this command to avoid exhausting the database's table spaces.

Administrator Response

No action is required.

**HWNMG0033E: The Tivoli Storage Productivity Center 4.1
database migration program does not support the current
database schema.**

Explanation

The migration program was run against a down level database schema. The Tivoli Storage Productivity Center database must be upgraded to a 4.1 database schema before running the migration program.

Administrator Response

Upgrade the Tivoli Storage Productivity Center database schema to a supported version.

HWNMG0034E: The Tivoli Storage Productivity Center 4.1 database migration program does not support the current DB2 version.

Explanation

The migration program only supports DB2 version 9 Enterprise Edition.

Administrator Response

Upgrade the DB2 used to a supported version.

HWNMG0035I: Migrating data for subsystem or switch ID *id* for table *table name*.

Explanation

The migration program is migrating data for the subsystem or switch into the specified table.

Administrator Response

No action is required.

HWNMG0036W: The Tivoli Storage Productivity Center 4.1 database migration program is unable to partition database tables. The migration will proceed with multidimensional clustering support only.

Explanation

The migration program requires DB2 version 9 Enterprise Edition in order to partition database tables.

Administrator Response

Upgrade the DB2 used to a supported version and rerun the migration program.

HWNOP

HWNOP0001I: The Collection phase of the integrated Storage Optimizer job *jobname* has started.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0002E: The Collection phase of the integrated Storage Optimizer job *jobname* has failed with errors. Message from exception: *message*.

Explanation

The Storage Optimizer job failed due to an unexpected error during the data collection phase. Look at the log files for more information.

Administrator Response

Make sure the TPC database is online and run the job again. If the error still persists, Contact IBM customer technical support with all related errors.

HWNOP0003I: The Collection phase of the integrated Storage Optimizer job *jobname* has completed.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0004W: The Collection phase of the integrated Storage Optimizer job *jobname* has completed with warnings.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0005E: The Collection phase of the integrated Storage Optimizer job *jobname* has completed with errors.

Explanation

The Storage Optimizer job failed due to an unexpected error. Look at the log files for more information.

Administrator Response

Make sure the TPC database is online and run the job again. If the error still persists, Contact IBM customer technical support with all related errors.

HWNOP0006I: Zone set *zoneset* created on fabric *fabric* .

Explanation

None.

Administrator Response

No Action Required.

HWNOP0007I: The Collection phase has started Collecion for the Analysis job *jobname*, on Subsystem: *subsystem* , Start Date: *startdate* , End Date: *enddate*

Explanation

None.

Administrator Response

No Action Required.

HWNOP0008I: The Collection phase has started Collection for the Optimization job *creator*, Analysis Job Id: *analysisjob* , on Subsystem: *subsystem*

Explanation

None.

Administrator Response

No Action Required.

HWNOP0009W: The subsystem *subsystem* does not exist in the internal database.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0010W: The Performance data summary level is unknown for subsystem *subsystem*.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0011I: Collecting Performance Data for Subsystem
subsystem **Storage Pool** *pool* with summary level *level* for time
range *range*

Explanation

None.

Administrator Response

No Action Required.

HWNOP0012E: Failed to bind to Performance Manager Service

Explanation

The Storage Optimizer job failed due to an unexpected error. Look at the log files for more information.

Administrator Response

Make sure the TPC database is online and run the job again. If the error still persists, Contact IBM customer technical support with all related errors.

HWNOP0013E: Database operation failed *error*

Explanation

The Storage Optimizer job failed due to an unexpected error. Look at the log files for more information.

Administrator Response

Make sure the TPC database is online and run the job again. If the error still persists, Contact IBM customer technical support with all related errors.

HWNOP0014I: Optimizer Service Started

Explanation

None.

Administrator Response

No Action Required.

HWNOP0015I: Optimizer Collector called for Job *job* with
inputs *input*

Explanation

None.

Administrator Response

No Action Required.

**HWNOP0016I: Collecting Configuration Data for Subsystem
*subsystem***

Explanation

None.

Administrator Response

No Action Required.

**HWNOP0017I: Updating Aggregated Workload Profile Data
Table in Database for Subsystem *subsystem***

Explanation

None.

Administrator Response

No Action Required.

**HWNOP0018I: The collection of configuration and
performance data is finished. Now starting Analysis...**

Explanation

None.

Administrator Response

No Action Required.

**HWNOP0019I: The Analyzer is computing utilizations for
storage subsystem *subsystem*.**

Explanation

None.

Administrator Response

No Action Required.

**HWNOP0020I: The Analyzer is updating the database with
utilizations for storage subsystem *subsystem*.**

Explanation

None.

Administrator Response

No Action Required.

HWNOP0021I: The Analyzer is reading analysis data from the database.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0022I: The Analyzer queued the job on the planner.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0023I: The Analyzer is done for the job.

Explanation

None.

Administrator Response

No Action Required. The Optimizer has completed analysis of the collected data and performance projections.

HWNOP0024I: The Planner is starting the planning operation.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0025I: The Planner generated *number* recommendations

Explanation

None.

Administrator Response

No Action Required.

HWNOP0026I: The Planner queued the job on the effector.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0027I: The Effector is adding the plans in the database.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0028I: The Effector is done. The Optimization job is complete.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0029I: Starting Planning phase.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0030I: Starting Consolidation Plan.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0031I: The Storage Optimizer cannot migrate or consolidate volume *volume* from source pool *pool* on subsystem *subsystem* because of space or utilization threshold constraints.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0032I: The Optimizer consolidated volume *volume* to Storage Pool *pool*. The Storage Pool size is *size*. The Max Size is *maxsize*.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0033I: There were *duration* days in the selected interval for subsystem *subsystem*. *numData* of these days had performance data available.

Explanation

None.

Administrator Response

No Action Required.

HWNOP0034E: No daily performance data is available for the time interval that you have selected. Please choose a new start and end date interval to analyze.

Explanation

None

Administrator Response

Make sure to run performance monitors to collect performance data.

HWNOP0035I: *volume* volumes out of *maxvolume* volumes were not consolidated.

Explanation

None

Administrator Response

Make sure to run performance monitors to collect performance data.

HWNOP0036E: The Optimizer job failed with the following error: *error*

Explanation

The Storage Optimizer job failed due to an unexpected error. Look at the log files for more information.

Administrator Response

None

HWNPM

HWNPM0001E: The specified summarization level (*level*) is invalid. It must be an integer value between *minimum* and *maximum*, inclusive.

Explanation

The summarization level that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid summarization level as parameter. The valid levels are enumerated via the `summtype_*` constants in the `com.ibm.tpc.perf.api.ApiConstants` interface.

HWNPM0002E: The specified device category (*category*) is invalid. It must be an integer value between *minimum* and *maximum*, inclusive.

Explanation

The device category that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid device category as parameter. The valid categories are enumerated via the `devcat_*` constants in the `com.ibm.tpc.perf.api.ApiConstants` interface.

HWNPM0003E: The specified device type (*type*) is invalid. It must be an integer value between *minimum* and *maximum*, inclusive.

Explanation

The device type that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid device type as parameter. The valid types are enumerated via the `devtype_*` constants in the `com.ibm.tpc.perf.api.ApiConstants` interface.

HWNPM0004E: The specified component type (*type*) is invalid. It must be an integer value between *minimum* and *maximum*, inclusive.

Explanation

The component type that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid component type as parameter. The valid types are enumerated via the `comptype_*` constants in the `com.ibm.tpc.perf.api.ApiConstants` interface.

HWNPM0006E: The string specified as parameter (*string*) exceeded its allowed length (*maximum length*).

Explanation

The string parameter that was passed as argument on the Performance Manager API call is too long. The method that was called returns this error indicator.

Administrator Response

Length limitations usually arise due to the need for saving the given string into a fixed length database column. Modify the caller of this method to pass a shorter string as parameter.

HWNPM0007E: The value specified as parameter (*value*) is invalid.

Explanation

The parameter value that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Refer to the method or class documentation to determine the allowed values for the particular parameter. Modify the caller of this method to pass a valid value to the API.

HWNPM0008E: A required parameter is missing (null).

Explanation

The parameter value that was passed as argument on the Performance Manager API call is NULL, but the parameter is required. The method that was called returns this error indicator.

Administrator Response

Refer to the method or class documentation to determine the allowed values for the particular parameter. Modify the caller of this method to pass a valid value to the API.

HWNPM0010E: The specified device ID (*device ID*) is invalid. It must conform to the pattern 'name+nameFormat'.

Explanation

The device identifier string that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid device ID as parameter.

HWNPM0011E: The specified component ID (*component ID*) is invalid. It must be a simple WWN (16 hexadecimal characters).

Explanation

The component identifier string that was passed as argument on the Performance Manager API call is invalid. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid component ID as parameter.

HWNPM0012E: The specified component ID (*component ID*) was not found or is not unique in the TPC database.

Explanation

The component identifier string that was passed as argument on the Performance Manager API call does not correspond to a device known to TPC. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid component ID as parameter. The parameter string must uniquely identify the desired component.

HWNPM0013E: The specified component ID (*component ID*) is invalid.

Explanation

The component identifier string that was passed as argument on the Performance Manager API call is invalid. It must conform to the pattern 'compName+deviceName+deviceNameFormat'. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid component ID as parameter.

HWNPM0015E: The TPC database is unavailable.

Explanation

The TPC Performance Manager was unable to connect to the database. The API call cannot be completed.

Administrator Response

Ensure that the database manager has been started successfully and is running on the TPC server machine. It might be necessary to stop and restart the TPC servers.

HWNPM0021E: The device identifier specified as parameter (device ID) is invalid.

Explanation

The device identifier that was passed as argument on the Performance Manager API call is invalid. It was either not found or is not unique in the TPC database. The method that was called returns this error indicator.

Administrator Response

Modify the caller of this method to pass a valid device identifier as parameter. The parameter must uniquely identify the desired device.

HWNPM0099E: An internal error occurred that caused the failure of the requested operation.

Explanation

An internal error occurred while performing the requested TPC Performance Manager API operation. Internal errors can be caused by a database inconsistency or corruption, or can be due to a programming error.

Administrator Response

Please retry the failing operation. If the failure persists, please contact IBM software support. More details about the exact failure will be available in the Performance Manager trace logs in the device server log directory.

HWNPM0101E: Unable to create the specified performance service instance ({0}).

Explanation

The Performance Manager failed trying to create a service instance (performance collection, performance threshold, or performance reporting service). The accompanying exception object should give more clues as to the exact problem.

Administrator Response

If you have made changes to the PM configuration file, reverse those changes. Try to restart the TPC Device Server service.

If you are overriding the default instantiation class by specifying the associated property as argument to the factory class, ensure that the specified instantiation class exists and is accessible by the JVM.

HWNPM0200I: This operation (*operation name*) on Performance Manager was successful.

Explanation

None.

Administrator Response

None.

HWNPM0201E: The device that passed to the method (*device id*) is invalid.

Explanation

A device is null or not supported by the Tivoli Storage Productivity Center (TPC) system.

Administrator Response

Provide the correct device to the method.

HWNPM0202E: The device category that passed to the method (*device category*) is invalid.

Explanation

A device category is null or not supported by the Tivoli Storage Productivity Center (TPC) system.

Administrator Response

Provide the correct device category to the method.

HWNPM0203E: The device type received (*device type*) is invalid.

Explanation

A device type is null or not supported by the Tivoli Storage Productivity Center (TPC) system.

Administrator Response

Provide the correct device type to the method.

HWNPM0204E: The device type - HOST - that passed to the method is not supported.

Explanation

The HOST device type is not supported by the Tivoli Storage Productivity Center (TPC) system for performance data collection.

Administrator Response

None.

HWNPM0205E: The specified performance collection policy is invalid.

Explanation

The specified policy is invalid and could not be successfully set into effect. The previous performance collection policy remains in effect for the associated device(s).

Administrator Response

Please ensure that all performance collection rules were followed when the new policy was created.

HWNPM0209I: The device type and device category are valid.

Explanation

None.

Administrator Response

None.

HWNPM0210E: Collector failed to start due to system failure.

Explanation

A system failure caused a collector not to start.

Administrator Response

None.

HWNPM0220E: Collector failed to stop due to system failure.

Explanation

A system failure caused a running collector to fail.

Administrator Response

None.

HWNPM0230E: One or more of the specified performance collection policies are invalid.

Explanation

A performance collection policy object that was specified as argument on the Performance Manager API call is invalid. The called method could not process the policy object, and returns this error indicator.

Administrator Response

Modify the caller of this method to pass valid performance collection policy objects as arguments. One common cause of problems is the specification of an invalid device identifier for custom policies. Ensure that the policy's device ID field corresponds to a device that is valid and known to TPC.

HWNPM0231W: The specified performance collection policy is ignored because it conflicts with another policy in the same parameter list.

Explanation

The performance collection policy object that was specified as argument on the Performance Manager API call is ignored, because another policy specified in the same call is effectively equivalent to this policy. Equivalent policies have the same device type and device ID. The other policy has been used for the purpose of this call, and this policy has been ignored.

Administrator Response

Modify the caller of this method to remove any conflicting or duplicate policy objects.

HWNPM0232E: The specified performance collection policy contains an unsupported interval length.

Explanation

The performance collection policy object that was specified as argument on the Performance Manager API call is invalid because it contains an unsupported interval length attribute. The supported interval lengths can vary for individual devices, and for individual device types.

Administrator Response

Consult the performance collection rules to determine the supported interval lengths for devices of the desired type, and/or the particular device in question. Then modify the caller of this method to specify a valid interval length attribute in the passed policy object.

HWNPM0233E: The specified performance collection policy contains an unsupported frequency.

Explanation

The performance collection policy object that was specified as argument on the Performance Manager API call is invalid because it contains an unsupported frequency attribute. The supported frequencies can vary for individual devices, and for individual device types.

Administrator Response

Consult the performance collection rules to determine the supported frequencies for devices of the desired type, and/or the particular device in question. Then modify the caller of this method to specify a valid frequency attribute in the passed policy object.

HWNPM0234E: The specified performance collection policy contains an unsupported duration.

Explanation

The performance collection policy object that was specified as argument on the Performance Manager API call is invalid because it contains an unsupported duration attribute. The supported durations can vary for individual devices, and for individual device types.

Administrator Response

Consult the performance collection rules to determine the supported durations for devices of the desired type, and/or the particular device in question. Then modify the caller of this method to specify a valid duration attribute in the passed policy object.

HWNPM0240E: The attempt to update the specified performance collection policies has failed.

Explanation

An internal error occurred while performing the requested TPC Performance Manager API operation. Internal errors can be caused by a database inconsistency or corruption, or can be due to a programming error.

Administrator Response

Please retry the failing operation. If the failure persists, please contact IBM software support. More details about the exact failure will be available in the Performance Manager trace logs in the device server log directory.

HWNPM0241E: The attempt to reset the specified performance collection policies has failed.

Explanation

An internal error occurred while performing the requested TPC Performance Manager API operation. Internal errors can be caused by a database inconsistency or corruption, or can be due to a programming error.

Administrator Response

Please retry the failing operation. If the failure persists, please contact IBM software support. More details about the exact failure will be available in the Performance Manager trace logs in the device server log directory.

HWNP0242E: The attempt to remove the specified performance collection policies has failed.

Explanation

An internal error occurred while performing the requested TPC Performance Manager API operation. Internal errors can be caused by a database inconsistency or corruption, or can be due to a programming error.

Administrator Response

Please retry the failing operation. If the failure persists, please contact IBM software support. More details about the exact failure will be available in the Performance Manager trace logs in the device server log directory.

HWNP0249W: An attempt to dynamically update one or more running performance collectors with a new performance collection policy has failed.

Explanation

When a new performance collection policy is set into effect, any running performance collectors using that policy must be dynamically updated, for the new settings to take effect. This dynamic update failed for one or more of the running collectors associated with a particular policy.

Administrator Response

The policy has been successfully saved in the database, so the operation does not need to be repeated. However the running performance collector needs to be manually stopped and restarted for the new settings to take effect.

HWNP0250E: One or more default performance collection policies are missing from the database.

Explanation

One default performance collection policy must exist in the database for each supported device type. The TPC Performance Manager will not function properly without these default policies. The fact that they are missing from the database indicates a database corruption of some kind.

Administrator Response

Please retry the failing operation. If the failure persists, please contact IBM software support. If a database corruption seems plausible, and you have a recent backup of the TPC database, you can also try shutting down TPC and restoring the old database. However remember that you will lose all information that has been added to the database since the backup was made.

HWNPM0300E: There is an exception for each device processed in a multiple devices call.

Explanation

Because each device got an exception during the process, the method call will throw the first exception in the result array as the general exception for multiple devices.

Administrator Response

None.

HWNPM0390E: Performance Manager failed due to system failure.

Explanation

A system failure occurred which lead to the failure of the operation.

Administrator Response

None.

HWNPM0400I: This operation (*operation name*)on Threshold Service was successful.

Explanation

None.

Administrator Response

None.

HWNPM0401E: The device that was passed to the method (*device id*)is invalid.

Explanation

A device is null or not supported by the Tivoli Storage Productivity Center (TPC) system.

Administrator Response

Provide the correct device to the method.

HWNPM0410E: The Performance threshold policy that was passed to the method (*threshold policy*)is null.

Explanation

The specified policy is invalid and could not be successfully set into effect. The previous performance threshold policy remains in effect for the associated device(s).

Administrator Response

Please ensure that all applicable rules were followed when the new policy was created.

HWNPM0411E: The Performance threshold that was passed to the method (*threshold*)is null.

Explanation

The performance threshold is null.

Administrator Response

Provide a valid performance threshold to the method.

HWNPM0412E: The Performance threshold filter that was passed to the method (*filter*)is null.

Explanation

The performance threshold filter is null.

Administrator Response

Provide a valid performance threshold filter to the method.

HWNPM0420E: The device type received (*device type*)is invalid.

Explanation

A device type is null or not supported by the Tivoli Storage Productivity Center (TPC) system.

Administrator Response

Provide the correct device type to the method.

HWNPM0421E: There is no IBM default performance threshold policy, or default threshold filter for this device.

Explanation

IBM Default performance threshold policy should always exist, as well as default threshold and default filters. These values are shipped with TPC.

Administrator Response

Re-install database for Tivoli Storage Productivity Center (TPC).

HWNPM0425E: There is an exception for each device processed in a multiple devices threshold call.

Explanation

Because each device got an exception during the process, the method call will throw the first exception in the result array as the general exception for multiple devices.

Administrator Response

None.

HWNPM0590E: Performance Manager failed due to system failure.

Explanation

A system failure occurred which caused the failure of the operation.

Administrator Response

None.

HWNPM0600E: Parameter number *a number of the call made to the TPC Performance Manager reporting API method name of the api* is invalid. The invalid value is *the invalid value of parameter descriptive name of the parameter*.

Explanation

The caller of a Performance Manager reporting API receives a TPCMessage object containing this message if an API call fails with an InvalidParameterException. The message states what the invalid parameter is.

Administrator Response

The InvalidParameterException indicates the caller of the API passed an invalid value in one of the parameters. Usually this indicates an error in the implementation of the calling function. You will need to report the failure to the personnel supporting that function.

HWNPM0601E: A request to continue the data retrieval can not be performed. Information for continuing the data retrieval does not exist.

Explanation

The caller of a Performance Manager reporting API receives a TPCMessage object containing this message, as part of an InvalidParameterException. The message states what the invalid parameter is.

Administrator Response

The exception might have occurred because the continuation state information has been deleted. The information might have been deleted by an explicit close

request, or because a time limit exceeded because the previously initiated request, or because the continuation parameter was set incorrectly by the application.

HWNPM0602E: Support for the device type *device type name* is not available in the Performance Manager reporting API function *method name*.

Explanation

A caller invoked the specified Performance Manager reporting API function. Device-type specific support needed by that function is not currently available in TPC.

Administrator Response

Report the problem to IBM support.

HWNPM0603E: The TPC Performance Manager reporting API *method name* failed as a result of an internal processing exception, at time *time of failure*. The Performance Manager logs contain message *message ID of a related message* describing the internal processing exception.

Explanation

The caller of a Performance Manager reporting API receives a TPCMessage object containing this message if an API call fails with a TPCServerException. The message explains the TPCServerException.

Administrator Response

The TPCServerException indicates a condition beyond the control of the caller of the API. In some cases, retrying the API call might succeed. In other cases, you will need to report the failure to the personnel supporting your TPC server. Include the information contained in this message in your report.

HWNPM0604E: The sort order parameter of a call to TPC Performance Manager reporting API *method name* contains a value not included in the report columns list, at position *index of the item in the list in the sort order list*.

Explanation

The caller of a Performance Manager reporting API receives a TPCMessage object containing this message if an API call fails with an InvalidParameterException. The message states that a value in the sort order list does not appear in the report columns list, as is required.

Administrator Response

The metrics identified to be sorted on must be included in the list of report column metrics. The application will need to be corrected to ensure that this requirement is met.

HWNPM0605E: The report columns parameter of a call to TPC Performance Manager reporting API *method name* contains a metric or counter type that is not available for a specified device of type *device type name* and specified component with type code *component type name*. The metric or counter type code is *identifying type code of the metric or counter*.

Explanation

The caller of a Performance Manager reporting API receives a TPCMessage object containing this message if an API call fails with an InvalidParameterException. The message states that one of the data columns requested in the output is for a metric or counter of a type not available for a requested device and component type.

Administrator Response

The application must exclude the unavailable metric or counter from the request. The application can use the getMetricList and getCounterList APIs to determine the available metrics and counters prior to requesting data.

HWNPM0606E: Unable to instantiate performance reporting service *service class name*.

Explanation

A failure occurred trying to instantiate the performance reporting service of Performance Manager. This usually indicates an internal error.

Administrator Response

If you have made changes to the PM configuration file, reverse those changes. Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM0630E: An invalid operator (*operator identifier*) was specified for the filter expression.

Explanation

The caller of the performance reporting filter related constructor or method specified an invalid operator identifier.

Administrator Response

The application should use a valid operator identifier as described in the documentation of the method or constructor.

HWNPM0631E: An invalid first operand (*operand class*) was specified for the filter expression. It must be a *operand class* class.

Explanation

The caller of the performance reporting filter related constructor or method specified an invalid first operand. The operand should be of the indicated type.

Administrator Response

The application should use a valid operand type as described in the documentation of the method or constructor.

HWNPM0632E: An invalid first operand was specified for the filter expression. The data type of the operand (*data type*) is invalid or unsupported.

Explanation

The caller of the performance reporting filter related constructor or method specified an invalid first operand. The operand, usually an ICounter, should have a valid data type.

Administrator Response

The application should use a valid data type as described in the documentation of the method or constructor.

HWNPM0633E: An invalid second operand (*operand class*) was specified for the filter expression. It must be a *operand class* class.

Explanation

The caller of the performance reporting filter related constructor or method specified an invalid second operand. The operand should be of the indicated type.

Administrator Response

The application should use a valid operand type as described in the documentation of the method or constructor.

HWNPM0650E: The TPC Performance Manager reporting API *method name* failed as a result of exception *the related exception* from a call to method *method name*, of the lower-level *service name* internal service.

Explanation

The Performance Manager reporting API received an exception from a call to an internal processing function. The exception resulted in failure of the reporting API call.

Administrator Response

Examine the log entries from the specified internal service for aid in determining the cause of the received exception.

HWNP0651E: The configuration data needed to generate the affected volumes and hosts report for the device *device name* was not found in the TPC database.

Explanation

The configuration data of the device at the time the threshold or constraint violation occurred is not present in the database. The affected volumes and hosts report cannot be generated in absence of the device configuration data.

Administrator Response

Contact your IBM support representative.

HWNP2000I: The TPC Performance Manager is operational.

Explanation

The Performance Manager component of the Tivoli Storage Productivity Center (TPC) has successfully completed initialization and is now operational.

Administrator Response

None.

HWNP2001E: The TPC Performance Manager is not operational.

Explanation

The Performance Manager component of the Tivoli Storage Productivity Center (TPC) is not running or has been stopped.

Administrator Response

Restart the Performance Manager Service and try again.

HWNP2002E: The Performance Manager component of the Tivoli Storage Productivity Center (TPC) encountered an initialization error.

Explanation

A failure occurred initializing a service of the Performance Manager component.

Administrator Response

Stop and restart the Performance Manager Service and try again.

HWNPM2003E: Initialization of the Performance Manager event service failed. No performance threshold exception alerts will be generated.

Explanation

A failure occurred initializing the PM Event Service. This means that no internal PM events can be externalized, including any threshold exception events that would normally cause the configured alerts to be generated. However, threshold exceptions are still logged and can be displayed using the TPC Constraints Violation Reports.

Administrator Response

Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2004E: Initialization of the Performance Manager scheduler status service failed. The status of performance monitors will not be updated in the GUI.

Explanation

A failure occurred initializing the PM Scheduler-Status Service. This means that the PM server cannot update the status of any performance monitor jobs to be visible in the GUI. However, the monitors will continue to run normally, collecting performance data for their associated devices.

Administrator Response

Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2005E: Initialization of the Performance Manager configuration data service failed. Performance monitors cannot be started without this service.

Explanation

A failure occurred initializing the PM Configuration-Data Service. This means that no new performance monitors can be started, and restarting prior monitors will fail.

Administrator Response

Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2006E: Initialization of the Performance Manager performance data service failed. Performance data cannot be saved in the database.

Explanation

A failure occurred initializing the PM Performance-Data Service. This means that no new performance data collected from the devices can be saved in the database. Normally, performance monitors will terminate under these circumstances.

Administrator Response

Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2007E: Initialization of the Performance Manager counter data service failed for *device type*. Performance Monitors will not be able to collect performance data from devices of this type.

Explanation

A failure occurred initializing the PM Counter-Data Service. This means that no new performance data can be collected from the devices of this type. This might be a transient failure due to the state of the TPC environment.

Administrator Response

Retry the operation. If the problem persists, contact your IBM support representative.

HWNPM2008E: Initialization of the Performance Manager metadata service failed. Performance monitors cannot be started without this service.

Explanation

A failure occurred initializing the PM Metadata Service. This means that no new performance monitors can be started, and restarting prior monitors will fail.

Administrator Response

Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2009E: Unable to instantiate lower level service *service class name*.

Explanation

A failure occurred trying to instantiate a particular lower level Performance Manager service. This usually indicates an internal error.

Administrator Response

If you have made changes to the PM configuration file, reverse those changes. Try to restart the TPC Device Server service. If the problem persists, contact your IBM support representative.

HWNPM2010E: Unable to instantiate the collection logic implementation *service class name*.

Explanation

A failure occurred trying to instantiate a particular implementation class in the Performance Manager. This usually indicates an internal error.

Administrator Response

Contact your IBM support representative.

HWNPM2011E: Unable to instantiate the performance statistics data class *class name*.

Explanation

A failure occurred trying to instantiate a particular data class in the Performance Manager. This usually indicates an internal error.

Administrator Response

Contact your IBM support representative.

HWNPM2012I: Performance Manager is using trace log directory *log directory name*.

Explanation

The specified log directory is in use by the Performance Manager component of TPC>.

Administrator Response

None.

HWNPM2020W: The performance monitor for device *device name* is not currently active, so a dynamic update of its monitor policy is not necessary.

Explanation

An attempt was made to dynamically update the monitor policy for a particular device, but the performance monitor for that device was not active. Policies have to be dynamically updated only for running monitors; for all other monitors updates are static, and take effect when the monitor for that device is started again.

Administrator Response

The policy updates are saved in the database, and will take effect when the performance monitor for the device is started. There is no effect on any other running monitors.

HWNPM2021W: The performance monitor for device *device name* is not currently active, so a dynamic update of its threshold policy is not necessary.

Explanation

An attempt was made to dynamically update the threshold policy for a particular device, but the performance monitor for that device was not active. Policies have to be dynamically updated only for running monitors; for all other monitors updates are static, and take effect when the monitor for that device is started again.

Administrator Response

The policy updates are saved in the database, and will take effect when the performance monitor for the device is started. There is no effect on any other running monitors.

HWNPM2022E: A performance monitor for device *device name* is already active. A new monitor for the same device cannot be started until the previous monitor completes or is cancelled.

Explanation

An attempt was made to start a new performance monitor for the specific device. There can be only a single performance monitor active within the TPC environment for an individual device. Attempts to start a new monitor while a previous one is still running will fail.

Administrator Response

Cancel the previous monitor for the device before starting a new one, if so desired.

HWNPM2023W: The performance monitor for device *device name* is not currently active, and therefore cannot be stopped.

Explanation

An attempt was made to stop an existing performance monitor for the specific device. However, the monitor for that device was not active.

Administrator Response

None.

HWNPM2024E: Unable to find a monitor policy applicable to device *device name*.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to determine the monitor policy in effect for the device. This error usually indicates a database access problem, because some policy is always in effect for every device, even if it is only the default policy. However a new performance monitor cannot be started for the device until the problem is resolved.

Administrator Response

Ensure that the TPC database is operational. Retry the operation. If the problem persists, contact your IBM support representative.

HWNPM2025E: Unable to find a threshold policy applicable to device *device name*.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to determine the threshold policy in effect for the device. This error usually indicates a database access problem, because some policy is always in effect for every device, even if it is only the default policy. However a new performance monitor cannot be started for the device until the problem is resolved.

Administrator Response

Ensure that the TPC database is operational. Retry the operation. If the problem persists, contact your IBM support representative.

HWNPM2026I: The performance monitor's primary process has failed unexpectedly. Attempting to recover from the failure.

Explanation

During the operation of the performance monitor a failure occurred which caused the monitor's primary process to be terminated. The Performance Manager engine will attempt to automatically recover from the failure by restarting the failed process. Performance data collection will be interrupted temporarily until the process has been successfully restarted.

Administrator Response

None. For additional information regarding the failure that occurred, see the TPC trace logs. Additional messages will be issued to indicate the success or failure of the recovery attempt.

HWNPM2027I: The performance monitor's threshold checker has failed unexpectedly. Attempting to recover from the failure.

Explanation

During the operation of the performance monitor a failure occurred which caused the monitor's threshold checker to be terminated. The Performance Manager engine will attempt to automatically recover from the failure by restarting the failed threshold checker. No thresholds will be generated for the performance data collected in the current interval.

Administrator Response

None. For additional information regarding the failure that occurred, see the TPC trace logs. Additional messages will be issued to indicate the success or failure of the recovery attempt.

HWNPM2028I: The performance monitor's purge process has failed unexpectedly. Attempting to recover from the failure.

Explanation

During the operation of the performance monitor a failure occurred which caused the monitor's purge processor to be terminated. The Performance Manager engine will attempt to automatically recover from the failure by restarting the failed purge processor. The purging of expired performance data will be interrupted temporarily until the process has been successfully restarted.

Administrator Response

None. For additional information regarding the failure that occurred, see the TPC trace logs. Additional messages will be issued to indicate the success or failure of the recovery attempt.

HWNPM2029I: Successfully recovered from the performance monitor failure.

Explanation

The automatic recovery attempt of the earlier failure was successful. The subject process has been restarted, and the performance monitor will continue to operate.

Administrator Response

None.

HWNPM2030E: Unable to recover from the performance monitor failure. The monitor for this device will be shut down.

Explanation

The automatic recovery attempt of the earlier failure has not succeeded. The subject process could not be restarted, and as result the performance monitor will be shut down.

Administrator Response

Restart the performance monitor. For additional information regarding the original failure, or regarding the recovery failure, see the TPC trace logs. If the problem persists, contact your IBM support representative.

HWNP2031E: The performance monitor failed due to an internal error: *error message*.

Explanation

If the error is recoverable, the performance manager will attempt to restart the subject monitor process. Therefore this failure might be temporary, and will only result in a temporary disruption of performance data collection for the device.

Administrator Response

If the performance monitor has shut down as result of this failure, try to restart it. For additional information regarding the failure, or regarding the inability to recover from the failure, see the TPC trace logs. If the problem persists, contact your IBM support representative.

HWNP2040E: The device key specified for the snapshot vote (*key*) was not found in the TPC database. The device does not exist.

Explanation

During the internal operation of TPC, an invalid device ID was used for a call to one of the performance manager functions.

Administrator Response

None. Operation of the Performance Manager will continue normally. If these error messages persist, contact your IBM support representative.

HWNP2050E: Failed to get the latest configuration data for device *device name*.

Explanation

There was an error either in getting a reference for the PM Configuration Data Service, or in retrieving the latest configuration data for the device using the reference to the Configuration Data Service. Performance data cannot be collected for a device unless the configuration data is available for that device.

Administrator Response

Try to perform a probe against the device. If the problem persists, contact your IBM support representative.

HWNPM2051E: No performance data was collected from device *device name* for the current collection interval (*time stamp*) due to a shutdown request.

Explanation

While the performance monitor was collecting data from the device, the user cancelled the running monitor. The latest performance data was abandoned due to the shutdown request, and was not inserted into the database.

Administrator Response

None.

HWNPM2052E: No performance data was collected from device *device name* for the current collection interval due to an error. The previous polling interval with data was at (*time stamp*).

Explanation

No performance data was received from the device for the current collection interval. This could be due to either an internal error, or a problem with communication with the device or device agent.

Administrator Response

None. The running performance monitor is not affected, and will continue to try to collect performance data for the device.

HWNPM2053E: The new performance data collected from device *device name* could not be saved in the database. Adjust the TPC database settings to increase the size of the transaction log.

Explanation

The transaction log of the TPC database has been set too low, causing large transactions such as performance data inserts to fail. For this reason, the current set of performance data could not be saved.

Administrator Response

Adjust your database transaction log to avoid repeat occurrences of this problem.

HWNPM2054E: The new performance data collected from device *device name* could not be saved in the database. Adjust the TPC database settings to increase the size of the lock list.

Explanation

The lock list size of the TPC database has been set too low, causing large transaction such as performance data inserts to fail. For this reason, the current set of performance data could not be saved.

Administrator Response

Adjust your database lock list size to avoid repeat occurrences of this problem.

HWNPM2055E: The new performance data collected from device *device name* could not be saved in the database due to an unexpected error. Ensure that the DBMS is operational.

Explanation

An unexpected error occurred when attempting to insert the latest set of performance data into the database.

Administrator Response

Ensure that your database management system is operational. If necessary, try restarting the TPC server, or rebooting the system. If the problem persists, contact your IBM support representative.

HWNPM2060W: The device does not support performance management for segment pool *pool ID*. Only incomplete performance data can be collected for array *array ID*.

Explanation

The specified segment pool contains multiple ranks, which makes it impossible to accurately manage the performance for those ranks, the arrays associated with those ranks, and the device adapters associated with those arrays.

For DS6000 and DS8000 devices whenever a segment pool contains multiple ranks, any volumes allocated in that segment pool might be spread across those ranks in an unpredictable manner. This makes it impossible to determine the performance impact of the volumes on the individual ranks. To avoid presenting the user with inaccurate or misleading performance data, the Performance Manager does not attempt to compute the performance metrics for the affected arrays and device adapters.

Administrator Response

None.

HWNPM2061W: The device does not support performance management for segment pool *pool ID*. Only incomplete performance data can be collected for device adapter *DA ID*.

Explanation

The specified segment pool contains multiple ranks, which makes it impossible to accurately manage the performance for those ranks, the arrays associated with those ranks, and the device adapters associated with those arrays.

For DS6000 and DS8000 devices whenever a segment pool contains multiple ranks, any volumes allocated in that segment pool might be spread across those ranks in an unpredictable manner. This makes it impossible to determine the performance impact of the volumes on the individual ranks. To avoid presenting the user with

inaccurate or misleading performance data, the Performance Manager does not attempt to compute the performance metrics for the affected arrays and device adapters.

Administrator Response

None.

HWNPM2062W: Invalid error message saved in database

Explanation

The program tried to save an error message in the database, but that message was invalid.

Administrator Response

None.

HWNPM2100E: The performance monitor for device *device name* cannot be started because the configuration data for the device is not available.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to access the configuration data for the device, or was unable to make a copy of the configuration data for historical purposes.

Administrator Response

Ensure that the TPC database is operational. Retry the operation. If the problem persists, contact your IBM support representative.

HWNPM2101E: The performance monitor for device *device name* cannot be started because no access point is available for the device.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to find a device access point through which performance data can be collected. Performance data collection occurs over the IP network, and therefore an access point for the device must be available. That is, an IP address and port number of either the device itself or a device agent (usually a CIMOM) through which the device can be accessed.

Administrator Response

This error usually indicates that the device has been discovered, but the access point has not been discovered. Ensure that the CIMOM controlling the device is operational and has registered itself via the Service Location Protocol (SLP). Then perform a discovery job in TPC to discover the CIMOM. Enter the username/password and certificate file name (if applicable) to allow TPC to communicate with the CIMOM. Then retry starting the performance monitor.

HWNPM2102E: The performance monitor for device *device name* cannot be started because of a failure to determine whether the device supports performance data collection.

Explanation

While starting a performance monitor for the specific device, the Performance Manager usually makes sure that the particular device supports performance data collection. This error occurs if it is impossible to determine whether or not the device actually has this support. Usually this means that the device does not support performance data collection, but it is possible that the support is not available due to downlevel microcode or downlevel CIM agent code, for example.

Administrator Response

If you believe that the indicated device does support performance data collection, ensure that the proper microcode levels are installed. If the problem persists, contact your device vendor's support representative.

HWNPM2103E: The performance monitor for device *device name* cannot be started because the device or device agent does not support performance data collection.

Explanation

While starting a performance monitor for the specific device, the Performance Manager usually makes sure that the particular device supports performance data collection. It will not attempt to collect performance data if the device does not have the necessary support.

Administrator Response

If you believe that the indicated device does support performance data collection, ensure that the proper microcode levels are installed. If the problem persists, contact your device vendor's support representative.

HWNPM2104E: The performance monitor for device *device name* cannot be started because the device or device agent cannot be reached over the network.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to establish a connection to the device or device agent. This could be indicative of a network problem with reaching the device or device agent, or could be caused by an undiscovered change in the network attributes of the device or device agent (IP address and/or port number), or could be caused by a failure of the device or device agent.

Administrator Response

If the networking attributes of the device or device agent have changed, try performing a discovery job followed by a probe job on the particular entity. Ensure that the proper username/password and (if applicable) certificate files have been specified for communication with the device or device agent.

Ensure that a network path exists from the TPC server to the device or device agent, including appropriate pass-through of any firewalls between the two network end-points. If you suspect network connectivity problems, contact your network administrator.

Ensure that the device or device agent is operational. This might include viewing the log files to ascertain that no errors exist that would prevent it from accepting connection requests from the TPC server.

HWNPM2105E: The performance monitor for device *device name* failed because the device cannot be reached for enabling performance data collection.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to establish a connection to the device or device agent. This could be indicative of a network problem with reaching the device or device agent, or could be caused by an undiscovered change in the network attributes of the device or device agent (IP address and/or port number), or could be caused by a failure of the device or device agent.

Administrator Response

If the networking attributes of the device or device agent have changed, try performing a discovery job followed by a probe job on the particular entity. Ensure that the proper username/password and (if applicable) certificate files have been specified for communication with the device or device agent.

Ensure that a network path exists from the TPC server to the device or device agent, including appropriate pass-through of any firewalls between the two network end-points. If you suspect network connectivity problems, contact your network administrator.

Ensure that the device or device agent is operational. This might include viewing the log files to ascertain that no errors exist that would prevent it from accepting connection requests from the TPC server.

HWNPM2106E: The performance monitor for device *device name* failed because of errors trying to enable performance data collection on the device or device agent: *error description*

Explanation

While starting a performance monitor for the specific device, the Performance Manager was able to establish a connection to the device or device agent, but was unable to initiate performance data collection on the device and/or device agent.

Administrator Response

Ensure that the device and/or device agent are fully operational. Check for error condition in the logs of the device or device agent.

HWNPM2107E: The performance monitor for device *device name* failed because of unrecognized errors trying to enable performance data collection on the device or device agent:
error description

Explanation

While starting a performance monitor for the specific device, the Performance Manager was able to establish a connection to the device or device agent, but was unable to initiate performance data collection on the device and/or device agent. This might be due to an internal error in the TPC Performance Manager.

Administrator Response

Ensure that the device and/or device agent are fully operational. Retry the operation. If the problem persists, contact your IBM support representative.

HWNPM2108E: The performance monitor for device *device name* failed during shutdown because the device cannot be reached for terminating performance data collection.

Explanation

While stopping a performance monitor for the specific device, the Performance Manager was unable to establish a connection to the device or device agent. This could be indicative of a network problem with reaching the device or device agent, or could be caused by an as of yet undiscovered change in the network attributes of the device or device agent (IP address and/or port number), or could be caused by a failure of the device or device agent.

Administrator Response

If the networking attributes of the device or device agent have changed, try performing a discovery job followed by a probe job on the particular entity. Ensure that the proper username/password and (if applicable) certificate files have been specified for communication with the device or device agent.

Ensure that a network path exists from the TPC server to the device or device agent, including appropriate pass-through of any firewalls between the two network end-points. If you suspect network connectivity problems, contact your network administrator.

Ensure that the device or device agent is operational. This might include viewing the log files to ascertain that no errors exist that would prevent the device or device agent from accepting connection requests from the TPC server.

Because the performance monitor is shutting down anyway, there is no immediate affect on the operation of TPC. However, some devices or device agents might not allow a subsequent restart of performance data collection, unless the previous collection was terminated properly. For some devices, leaving performance data collection activated can cause additional burden on the processing resources of the device. In either case, you can also try to manually stop the performance data collection on the device using the device-specific interfaces.

HWNPM2109E: The performance monitor for device *device name* failed during shutdown because of errors during termination of performance data collection on the device or device agent: *error description*

Explanation

While stopping a performance monitor for the specific device, the Performance Manager was able to establish a connection to the device or device agent, but was unable to terminate performance data collection on the device and/or device agent.

Administrator Response

Because the performance monitor is shutting down anyway, there is no immediate affect on the operation of TPC. However, some devices or device agents might not allow a subsequent restart of performance data collection, unless the previous collection was terminated properly. For some devices, leaving performance data collection activated can cause additional burden on the processing resources of the device. In either case, ensure that the device and/or device agent are fully operational. Check for error condition in the logs of the device or device agent. You can also try to manually stop the performance data collection on the device using the device-specific interfaces.

HWNPM2110E: The performance monitor for device *device name* failed during shutdown because of unrecognized errors during termination of performance data collection on the device or device agent: *error description*

Explanation

While stopping a performance monitor for the specific device, the Performance Manager was able to establish a connection to the device or device agent, but was unable to terminate performance data collection on the device and/or device agent. This might be due to an internal error in the TPC Performance Manager.

Administrator Response

Because the performance monitor is shutting down anyway, there is no immediate affect on the operation of TPC. However, some devices or device agents might not allow a subsequent restart of performance data collection, unless the previous collection was terminated properly. For some devices, leaving performance data collection activated can cause additional burden on the processing resources of the device. In either case, try manually stopping the performance data collection on the device using the device-specific interfaces. If the problem persists for a particular device, contact your IBM support representative.

HWNPM2111E: The performance monitor for device *device name* failed because of errors retrieving the latest configuration data for the device.

Explanation

While starting a performance monitor for the specific device, the Performance Manager was unable to successfully retrieve and process the configuration data for

the device. This might be indicative of corrupt or invalid configuration data in the database.

Administrator Response

Try running a probe job for the specific device, and retry starting the performance monitor. If the problem persists, contact your IBM support representative.

HWNPM2112I: The device access point *original access point* is no longer accessible for monitoring device *device name*. Attempting to switch to access point *alternative access point*.

Explanation

During the operation of the performance monitor for the specific device, the device access point (usually a CIM agent IP address/port number) became unreachable. Because there are alternative access points for the same device, the Performance Manager will attempt to switch to one of the alternates, in order to continue performance data collection for the device.

Administrator Response

None, if the attempt succeeds. Performance data collection will continue using the alternative access point. If the attempt fails, an appropriate error message will be issued. Refer to the description of that message for possible actions.

HWNPM2113I: The performance monitor for device *device name* is starting in an active state.

Explanation

Performance monitors start in an active state when initiated due to a user or a scheduled action, or due to a server restart when the monitor was previously active and has not reached its intended duration. The monitor will collect performance data from the device when its initialization has completed.

Administrator Response

None.

HWNPM2114I: The performance monitor for device *device name* is starting in a dormant state.

Explanation

Performance monitors start in a dormant state due to a server restart, if the monitor was previously dormant or if it was previously active and has reached its intended duration. A dormant monitor does not collect new performance data from its associated device, but only performs basic maintenance functions such as summarization and purge processing.

Administrator Response

None. If you want to reactivate the monitor, start another monitor job for the device.

HWNPM2115I: Monitor Policy: name="policy name", creator="policy creator", description="policy description"

Explanation

This message provides information regarding a particular performance monitor policy that is in effect for a particular device.

Administrator Response

None.

HWNPM2116I: Monitor Policy: retention period: sample data=length in days days, hourly data=length in days days, daily data=length in days days.

Explanation

This message provides information regarding a particular performance monitor policy that is in effect for a particular device.

Administrator Response

None.

HWNPM2117I: Monitor Policy: interval length=length in seconds secs, frequency=length in seconds secs, duration=length in hours hours.

Explanation

This message provides information regarding a particular performance monitor policy that is in effect for a particular device.

Administrator Response

None.

HWNPM2118I: Threshold Policy: name="policy name", creator="policy creator", description="policy description"

Explanation

This message provides information regarding a particular performance threshold policy that is in effect for a particular device.

Administrator Response

None.

HWNP2119I: Threshold Policy: retention period: exception data=*length in days* days.

Explanation

This message provides information regarding a particular performance threshold policy that is in effect for a particular device.

Administrator Response

None.

HWNP2120I: Threshold Policy: threshold name=*name*, enabled=*Yes or No*, boundaries=*critical stress boundary,warning stress boundary,warning idle boundary,critical idle boundary* units.

Explanation

This message provides information regarding a particular performance threshold policy that is in effect for a particular device.

Administrator Response

None.

HWNP2123I: Performance data for timestamp *date and time* was collected and processed successfully. *record count* performance data records were inserted into the database.

Explanation

This message provides information for an active performance monitor. The performance data was collected at the indicated device time in the TPC server timezone. The indicated number of performance statistics records were saved in the TPC database. The information that was saved was either received from the device, or was computed by TPC based on the information received from the device.

Administrator Response

None.

HWNP2124W: Performance data continuity has been broken. The device might have been reset or rebooted. *record count* performance data records were discarded.

Explanation

This message indicates that invalid performance information was received from the device. In general, performance information is represented as a set of ever-increasing counters, and actual statistics are computed by taking the difference between two consecutive sets of such counters. However if a counter appears to have decreased instead of increased between consecutive sets, the information is unusable and is discarded. Note that counters can be expected to decrease if they are reset to zeroes, which might happen normally when a device is reset or rebooted (for example when new firmware is loaded), or in some cases

when a device agent (CIMOM for example) is reset or rebooted. In those situations, this warning message can be safely ignored. If this warning occurs when no reset or reboot has occurred, the device or device agent might be generating incorrect performance statistics, and you might have to contact your device vendor for further instructions.

Administrator Response

Determine if the device or device agent has been reset or rebooted. Those situations include loading of new firmware, or fail-over and fail-back scenarios for ESS, DS6000, and DS8000 storage subsystems. In any of these cases, the reset of performance counters is expected behavior, and this warning message can be safely ignored. If not one of these cases, the device might be generating incorrect performance data, which might or might not lead to inaccurate performance reports in TPC. Contact your device vendor for further instructions in those cases.

HWNPM2125W: Aggregated performance values have been computed from the remaining data records, but their accuracy cannot be guaranteed.

Explanation

This message only appears in combination with message HWNPM2124W. See the description of this message for background information on the condition that has occurred. Configuration parameter `LimitCheckLenient` controls whether or not any data will be saved in the TPC database when HWNPM2124W occurs. If set to true, then only those performance records where invalid counters were specifically detected are discarded (indicated with message HWNPM2124W), but all other data for that sample interval is saved (indicated with message HWNPM2123I). However because a number of records had to be discarded, any performance statistics derived from the remaining data (for example the aggregated statistics for the entire subsystem) will be inaccurate because they will not include the activity represented by that discarded data.

Administrator Response

Use any performance data saved for this sample interval cautiously, due to its inherent inaccuracy. To avoid such potentially inaccurate values from being saved in the TPC database, you can set the `LimitCheckLenient` configuration parameter to false. However this will mean that no performance data will be saved in the database for any sample intervals where invalid counters are detected.

HWNPM2126I: The performance monitor for device *device name* is stopping because its intended duration has elapsed.

Explanation

Performance monitors with a preset duration end when that duration has elapsed. The monitor job might show normal completion or failure, depending on the success or failure of the data collection process during its life.

Administrator Response

None. If you want to reactivate the monitor, start another monitor job for the device.

HWNPM2127I: The performance monitor for device *device name* is stopping due to a user request.

Explanation

The performance monitor is ending because a user requested the monitor to stop. A user request can be submitted either from the TPC graphical user interface, or the TPC command line interface.

Administrator Response

None. If you want to reactivate the monitor, start another monitor job for the device.

HWNPM2128I: The performance monitor for device *device name* is stopping due to an unexpected failure.

Explanation

The performance monitor is ending due to an environmental condition or due to an internal error. Additional messages prior to this message indicate the cause of the failure.

Administrator Response

In case of an environmental condition, such as a network problem, correct the problem and restart the monitor. In case of an internal error, contact your service representative. For additional details regarding the cause of the failure, see the trace logs.

HWNPM2129I: The performance monitor for device *device name* is stopping because of a shutdown request.

Explanation

The performance monitor is ending because the TPC Performance Manager Service is shutting down, usually due to the TPC device server being stopped.

Administrator Response

None. When the Performance Manager Service is restarted, the previously running monitors will be automatically restarted, as long as their originally intended duration has not been exceeded.

HWNPM2130W: Failed to retrieve the latest configuration data for device *device name*.

Explanation

During the normal operation of a performance monitor, it will periodically attempt to retrieve the latest configuration data for its associated device. This attempt failed for the monitor of the specified device.

The immediate operation of the running performance monitor is unaffected. However if the failure persists for prolonged periods of time, it is possible that a discrepancy between the saved performance data collected from the device and the configuration data of that device could develop. In that case, the performance

reports or any advanced analysis of the performance data might yield misleading results.

Administrator Response

Try running a probe job for the specific device, and retry starting the performance monitor. If the problem persists, contact your IBM support representative.

HWNPM2131W: Performance data could not be collected for device *device name*, because the device cannot be reached. The current samples are skipped.

Explanation

The current attempt to retrieve a set of performance data from the device failed. No performance data will be inserted for the device in this time period. The next performance data sample recorded into the database might represent an average over more than the configured interval length.

The immediate operation of the running performance monitor is unaffected. However if the failure persists for prolonged periods of time, no performance data will be available for that time period. It is possible, given enough elapsed time between consecutive successful performance data retrievals, that the cumulative statistics counters on the devices could have wrapped. This case cannot be detected by the Performance Manager, and will result in incorrect performance data being inserted into the database.

Administrator Response

If the problem persists for an hour or longer, ensure that your device and device agent (if applicable) are operational. Also ensure that a network path exists between the TPC server and the device or device agent, including any appropriate firewall pass-throughs. If there is nothing wrong with the device or device agent, or with the network path, try cancelling and restarting the performance monitor job. If the problem is still not resolved, contact your IBM support representative.

HWNPM2132W: Performance data could not be collected for device *device name*. The current samples are skipped. (error description)

Explanation

The current attempt to retrieve a set of performance data from the device failed. No performance data will be inserted for the device in this time period. The next performance data sample recorded into the database might represent an average over more than the configured interval length.

The immediate operation of the running performance monitor is unaffected. However if the failure persists for prolonged periods of time, no performance data will be available for that time period. It is possible, given enough elapsed time between consecutive successful performance data retrievals, that the cumulative statistics counters on the devices could have wrapped. This case cannot be detected by the Performance Manager, and will result in incorrect performance data being inserted into the database.

For a NetApp device this message could also appear if a NetApp volume is offline.

Administrator Response

If the problem persists for an hour or longer, ensure that your device and device agent (if applicable) are operational, and that performance data collection is still enabled. Try cancelling and restarting the performance monitor job. If the problem is still not resolved, contact your IBM support representative.

For a NetApp device it is recommended to put all the NetApp volumes online before collecting performance data.

HWNPM2133W: Performance data could not be collected for device *device name* due to an unknown error. The current samples are skipped.

Explanation

The current attempt to retrieve a set of performance data from the device failed. No performance data will be inserted for the device in this time period. The next performance data sample recorded into the database might represent an average over more than the configured interval length.

The immediate operation of the running performance monitor is unaffected. However if the failure persists for prolonged periods of time, no performance data will be available for that time period. It is possible, given enough elapsed time between consecutive successful performance data retrievals, that the cumulative statistics counters on the devices could have wrapped. This case cannot be detected by the Performance Manager, and will result in incorrect performance data being inserted into the database.

Administrator Response

If the problem persists for an hour or longer, ensure that your device and device agent (if applicable) are operational, and that performance data collection is still enabled. Try cancelling and restarting the performance monitor job. If the problem is still not resolved, contact your IBM support representative.

HWNPM2134W: The state of the performance monitor for device *device name* has changed to 'starting', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'starting'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNPM2135W: The state of the performance monitor for device *device name* has changed to 'active', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'active'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNPM2136W: The state of the performance monitor for device *device name* has changed to 'warning', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'warning'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNPM2137W: The state of the performance monitor for device *device name* has changed to 'stopping', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'stopping'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNP2138W: The state of the performance monitor for device *device name* has changed to 'complete', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'complete'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNP2139W: The state of the performance monitor for device *device name* has changed to 'failed', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'failed'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNP2140W: The state of the performance monitor for device *device name* has changed, but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

This error is usually indicative of a database problem. Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNP2141E: An unexpected exception occurred while servicing a request.

Explanation

A call to the Performance Service has encountered an unexpected program error.

Administrator Response

Report this problem to your IBM support representative.

HWNPM2142E: Performance data collection has been disabled prematurely for device *device name*.

Explanation

Performance data collection is enabled on a device when a monitor for that device is started. It is expected to remain enabled until the user specified duration of the monitor has elapsed, at which point it is disabled as the monitor is ending. However, in this case the performance data collection has been disabled by an external entity, some other user or application, without informing TPC.

To avoid further conflicts between TPC and the external entity, no attempt is made to reenable performance data collection on the device. Instead, the running monitor is terminated.

Administrator Response

Determine what other application or user has disabled performance data collection on the device. Restart the performance monitor, if desired. Note that in some cases a shutdown or reboot of the device or of the device agent (for example the CIMOM) can have the effect of disabling performance data collection. If this is the case, the monitor can be safely restarted after the device or device agent has completed startup.

HWNPM2143E: The state of the performance monitor for device *device name* has changed to 'starting', but could not be recorded appropriately.

Explanation

The state of the specified monitor has changed to 'starting'. However the TPC user interfaces might not be able to display this fact due to a failure in updating the monitor's state record in the database.

Administrator Response

Ensure that the TPC database is operational. If the problem persists, contact your IBM support representative.

HWNPM2200I: Successfully retrieved the configuration data for the storage subsystem. Found *number of pools* **pools, *number of controllers* **controllers**, *number of device adapters* **device adapters**, *number of ports* **ports**, *number of ranks* **ranks**, *number of arrays* **arrays**, and *number of volumes* **volumes**.**

Explanation

The running performance monitor has updated its internal state with the latest configuration data from the storage subsystem. The indicated device components were found.

Administrator Response

None.

HWNPM2201I: Successfully retrieved the configuration data for the storage subsystem. Found *number of I/O Groups* I/O Groups, *number of nodes* Nodes, *number of ports* Ports, *number of MDisk Groups* MDisk Groups, *number of MDisks* MDisks, and *number of VDisks* VDisks.

Explanation

The running performance monitor has updated its internal state with the latest configuration data from the storage subsystem. The indicated device components were found.

Administrator Response

None.

HWNPM2202I: Successfully retrieved the configuration data for the switch. Found *number of ports* ports.

Explanation

The running performance monitor has updated its internal state with the latest configuration data from the storage subsystem. The indicated device components were found.

Administrator Response

None.

HWNPM3000E: There was a problem establishing the database connection.

Explanation

An exception occurred when trying to retrieve the database connection from the connection pool.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM3001E: An unexpected null row was returned from a database cursor.

Explanation

An unexpected null row was returned when trying to retrieve a row from a database cursor.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM3002E: An unexpected database exception occurred.

Explanation

An unexpected database exception occurred when trying to access the database.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM3003E: An unexpected database exception occurred on the snapshot database tables.

Explanation

An unexpected database exception occurred when trying to access the snapshot database tables.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM3004E: The snapshot ID could not be found.

Explanation

The snapshot ID could not be found in the snapshot database tables.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM3500E: The current transaction has been rolled back because of a deadlock.

Explanation

The application is rolled back to the previous COMMIT because of a deadlock.

Administrator Response

Contact your IBM Support Representative.

HWNPM3501E: The current transaction has been rolled back because of a time out.

Explanation

The application is rolled back to the previous COMMIT because of a time out.

Administrator Response

Check if there is an escalation problem with the database. If so, enlarge the database lock list.

HWNPM3600E: The threshold identifier parameter value : *threshold ID* is not valid.

Explanation

The Affected volumes and hosts Reporting feature is not supported for the threshold identifier parameter passed to the function.

Administrator Response

Contact your IBM support representative.

HWNPM3601E: The target component type parameter value : *component type* is not valid for the threshold identifier : *threshold ID* passed to the affected volumes and hosts reporting function.

Explanation

Each threshold identifier is associated with a target component type. The target component type parameter value passed in is not valid.

Administrator Response

Contact your IBM support representative.

HWNPM3602E: There was a problem retrieving the performance data needed to generate the affected volumes and hosts report for the device *device name*.

Explanation

An exception occurred when trying to retrieve the performance statistics data from the database that was needed to generate the affected volumes and hosts report.

Administrator Response

Ensure the TPC database is operational and retry the operation. Contact your IBM support representative.

HWNPM3603E: The sample volume performance data needed to generate the affected volumes and hosts report for the device *device name* was not found in the TPC database.

Explanation

The sample volume performance statistics data collected during the time the threshold or constraint was violated is no longer present in the TPC database. The affected volumes and hosts report cannot be generated in absence of this data.

Administrator Response

Contact your IBM support representative.

HWNPM3604E: There are no volumes associated with the specified target component, *component name*, in the TPC database. Therefore, the resulting Affected Volumes and Hosts report will be empty.

Explanation

A constraint violation is always associated with a particular component (array, controller, I/O group, MDisk, etc.), which is the component that actually violated the constraint. In this case, the component associated with the constraint violation that was selected as the target for the Affected Volumes and Hosts report, currently has no volumes configured or assigned to it. This means that there are neither volumes nor hosts affected by this particular constraint violation, and the resulting report will be empty.

Administrator Response

It is possible that the TPC database has outdated information for the corresponding device. If you believe that there are one or more volumes configured or assigned to the constraint violation's component, run a new probe of the device, to ensure that the latest configuration information is present in the TPC database. Future constraint violations for this component (and for all other components of the device) will use this updated information, and should generate an accurate Affected Volumes and Hosts report.

HWNPM4000E: Unable to retrieve the device agent that managed this device: *device identifier*.

Explanation

Unable to retrieve the device agent, such as a CIMOM, that controls this device. An invalid user ID, password, or namespace might be configured in TPC for this device.

Administrator Response

Confirm that this device is registered with a device agent, and that the device agent is known to TPC with correct user ID, password and namespace. If the device agent is correct, contact your IBM support representative.

HWNPM4001E: Time out while starting performance data collection for this device: *device identifier*.

Explanation

A CIMOM communication time out occurred while starting performance data collection.

Administrator Response

Increase the CIMOM communication time out. If the problem persists, contact your IBM support representative.

HWNPM4002E: Unable to start performance data collection for this device: *device identifier*.

Explanation

No response was returned while communicating with this device or its device agent.

Administrator Response

Check that the device agent, or CIMOM, is functional and that the TPC user ID, password, and namespace are correct for the device agent. If they are, contact your IBM support representative.

HWNPM4003E: Performance data collection has already been enabled for this device: *device identifier*.

Explanation

Another user has already started performance data collection, and this device or its device agent only allows one collection to be performed at a time.

Administrator Response

Wait for the previously enabled collection to complete, then try again.

HWNPM4004E: Failed to enable performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to enable performance data collection.

Administrator Response

Check the frequency and duration of the performance data collection. If correct, contact your IBM support representative.

HWNPM4005I: Successfully enabled performance data collection on the storage subsystem, using device access point *CIMOM address*.

Explanation

Performance data collection was enabled successfully.

Administrator Response

None. While performance data collection is enabled, the storage subsystem will internally be generating statistics on the performance of various internal components, such as volumes, arrays, ports, and so forth. Performance data collection will be disabled again, when the user-specified duration of the performance monitor has elapsed.

HWNPM4006E: An exception occurred while starting performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to start the performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4007E: A time out occurred while stopping performance data collection for this device: *device identifier*.

Explanation

A CIMOM communication time out occurred while stopping performance data collection.

Administrator Response

Increase the CIMOM communication time out. If the problem persists, contact your IBM support representative.

HWNPM4008E: Unable to stop performance data collection for this device: *device identifier*.

Explanation

No response was returned while communicating with this device or its device agent.

Administrator Response

Check that the device agent, or CIMOM, is functional and that the TPC user ID, password, and namespace are correct for the device agent. If they are, contact your IBM support representative.

HWNPM4009E: Performance data collection is not enabled for this device: *device identifier*.

Explanation

Performance data collection is not currently running for this device. It must be enabled before stopping it.

Administrator Response

None. Performance data collection is already stopped.

HWNPM4010E: Failed to disable performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to disable performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4011I: Successfully disabled performance data collection on the storage subsystem, using device access point *CIMOM address*.

Explanation

The performance data collection was disabled successfully.

Administrator Response

None. While performance data collection is disabled, the storage subsystem will not be generating statistics on the performance of its internal components. Performance data collection will be enabled again, when the next performance monitor is started for this device.

HWNPM4012E: An exception occurred while stopping performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to stop the performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4013E: A time out occurred while retrieving the status of the performance data collection for this device: *device identifier*.

Explanation

A CIMOM communication time out occurred while retrieving the performance data collection's status.

Administrator Response

Increase the CIMOM communication time out. If the problem persists, contact your IBM support representative.

HWNPM4014E: Unable to retrieve the status of the performance data collection for this device: *device identifier*.

Explanation

No response was returned while communicating with this device or its device agent.

Administrator Response

Check that the device agent, or CIMOM, is functional and that the TPC user ID, password, and namespace are correct for the device agent. If they are, contact your IBM support representative.

HWNPM4015I: Performance data collection is not enabled for this device: *device identifier*.

Explanation

Performance data collection is not currently running for this device.

Administrator Response

None.

HWNPM4016I: Performance data collection is enabled for this device: *device identifier*.

Explanation

Performance data collection is currently running for this device.

Administrator Response

None.

HWNPM4017E: Unable to determine the status of the performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when retrieving the status.

Administrator Response

Contact your IBM support representative.

HWNPM4018E: Failed to retrieve the status of the performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to retrieve the performance data collection's status.

Administrator Response

Contact your IBM support representative.

HWNPM4019E: A time out occurred while polling the performance statistics for this device: *device identifier*.

Explanation

A CIMOM communication time out occurred while polling the performance statistics.

Administrator Response

Increase the CIMOM communication time out. If the problem persists, contact your IBM support representative.

HWNPM4020E: Unable to retrieve the performance statistics for this device: *device identifier*.

Explanation

No response was returned while communicating with this device or its device agent.

Administrator Response

Check that the device agent, or CIMOM, is functional and that the TPC user ID, password, and namespace are correct for the device agent. If they are, contact your IBM support representative.

HWNPM4021E: No performance statistics available at the current time for this device: *device identifier*.

Explanation

No performance statistics available at the current time.

Administrator Response

The device agent might not be responding. Retry the performance data collection. If the problem persists, contact your IBM support representative.

HWNPM4022E: Failed to disable performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to disable performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4023W: A set of performance statistics data was empty for this device: *device identifier*.

Explanation

At least one cluster from the specified device was down.

Administrator Response

None.

HWNPM4024E: An exception occurred while stopping performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to stop the performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4025E: Unable to retrieve storage subsystem for this device: *device identifier*.

Explanation

The storage subsystem was unable to be retrieved from the database.

Administrator Response

Re-probe the storage subsystem.

HWNPM4026E: Failed to retrieve storage subsystem for this device: *device identifier*.

Explanation

An Exception occurred when retrieving the subsystem information from the database.

Administrator Response

Re-probe the storage subsystem.

HWNPM4027E: Failed to properly initialize counter data service for this device: *device identifier*.

Explanation

An Exception occurred when retrieving the subsystem information from the database.

Administrator Response

Check if the database contains the storage subsystem for this device.

HWNPM4051E: Failed to obtain a reference to the Performance Manager Configuration Data Service for this device: *device name*.

Explanation

The Switch counter data service was unable to access the configuration data service. Without the configuration data service, the Switch counter data service cannot run.

Administrator Response

Contact your IBM support representative.

HWNPM4052E: Error occurred in trying to retrieve a device agent for this device: *device name*.

Explanation

An error occurred while attempting to obtain a device agent, such as a CIMOM, that controls this device.

Administrator Response

Confirm that this device is registered with a device agent, and that the device agent is known to TPC. If there is a device agent, contact your IBM support representative.

HWNPM4053E: Unable to locate or retrieve the device agent that manages this device: *device name*.

Explanation

Unable to locate the device agent, such as a CIMOM, that controls this device, or an internal error occurred while attempting to retrieve the agent.

Administrator Response

Confirm that this device is registered with a device agent, and that the device agent is known to TPC. If there is a device agent, contact your IBM support representative.

HWNPM4054E: Error occurred in trying to construct the poll state information for this device: *device name*.

Explanation

An error occurred while attempting to construct the poll state information, a prerequisite for collecting performance statistics.

Administrator Response

Re-probe the storage subsystem.

HWNP4055E: Unable to construct the poll state information for this device: *device name*.

Explanation

Unable to construct the poll state information for this device, or an internal error occurred while attempting to construct this information. This information is a prerequisite for collecting performance statistics.

Administrator Response

Re-probe the storage subsystem.

HWNP4056E: CIM/OM operation triggered a time out (step time out= *step time out value seconds*, operation time out= *total time out value seconds*).

Explanation

The CIM/OM communication time out expired while executing a CIM/OM operation for the switch device.

Administrator Response

Increase the CIM/OM connection (individual step) time out and communication (total operation) time out for the device. If the problem persists, contact your IBM support representative.

HWNP4057E: Mismatch in device identifier for this device: *device name*.

Explanation

The Switch counter data service passed a different value of the unique device identifier for this operation from the value used earlier. The same value of the unique device identifier must be used for all invocations of Counter Data Service for Switch functionality. This is an error by the invoking code.

Administrator Response

Contact your IBM support representative.

HWNP4058E: Failed to build the parameter Map for this device: *device name*.

Explanation

Failed to build the parameter Map, which needs to be passed to the Discovery Service for collecting performance statistics. The Counter Data Service for the device cannot successfully collect performance statistics for this device without this initialization. This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNPM4059I: Performance data collection has already been enabled for this device: *device name*.

Explanation

Performance data collection has already been started for this device. It is good practice to stop the previously started collection before starting a fresh collection.

Administrator Response

None.

HWNPM4060I: Performance data collection was successfully started for this device: *device name*.

Explanation

Performance data collection has been started for this device. It will continue until configured or stopped.

Administrator Response

None.

HWNPM4061E: Performance data collection could not be started for this device: *device name*.

Explanation

Performance data collection could not be started for this device.

Administrator Response

Verify that the device is functioning and known to TPC, supports the SMI-S Switch profile, and is reachable via a functioning access point that has been registered with TPC. Contact your IBM support representative.

HWNPM4062I: Performance data collection successfully stopped for this device: *device name*.

Explanation

Performance data collection successfully stopped for this device.

Administrator Response

None.

HWNPM4063W: Parse exception in performance data collected this device: *device name*.

Explanation

A parse error occurred while processing performance data collected for this device. An exception was caught while trying to extract a CIM Property from the data returned by the collector. The data is ignored.

Administrator Response

Contact your IBM support representative.

HWNPM4064E: Wrong format in performance data collected for this device: *device name*.

Explanation

The performance data object representing the performance statistics for a port of this device does not have the expected format. This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNPM4065W: *number of null time stamps* null time stamp(s) for performance data collected from the device were substituted by server time stamp(s).

Explanation

The switch device did not report the required CIM StatisticTime time stamp property for the reported number of statistics instances reported. These were substituted by TPC server time stamps. If this is an intermittent problem, it might cause inconsistencies in performance reports. This is a device provider error.

Administrator Response

Contact your IBM support representative, and switch vendor.

HWNPM4066W: *count of null operational status* null Port Operational Status value(s) for performance data collected from the device was/were substituted by default value(s).

Explanation

The switch device did not report the required CIM OperationalStatus property for the reported number of statistics instances reported. These were substituted by a default value of port operational status ('unknown'). This can be caused either because an assembled FCPort CIMInstance was used by Fabric Data collection code, or by an error in the provider for the device.

Administrator Response

If this warning occurred when collecting performance statistics for all the ports of a switch, contact your IBM support representative, and switch vendor.

HWNPM4081E: A database cursor operation failed.

Explanation

A failure occurred when TPC attempted to obtain or use a database cursor.

Administrator Response

Verify that the database is operational and online.

HWNP4082E: A database connect operation failed.

Explanation

A failure occurred when TPC attempted to connect to the database.

Administrator Response

Verify that the database is operational and online.

HWNP4083E: A database retrieve operation failed.

Explanation

A failure occurred when TPC attempted to retrieve a row from a database table. This is an internal error, that can occur either because of a problem with the database, or because an attempt was made to retrieve a non-existent row from the database.

Administrator Response

Verify that the database is operational and online. If it is verified to be so, contact your IBM support representative.

HWNP4084E: A database operation failed.

Explanation

A generalized database failure occurred.

Administrator Response

Verify that database is operational and online. If it is verified to be so, contact your IBM support representative.

HWNP4085E: A database query operation failed.

Explanation

A failure occurred when TPC attempted a database query operation. This is an internal error, that can occur either because of a problem with the database, or because an attempt was made to retrieve a non-existent row from the database.

Administrator Response

Verify that database is operational and online. If it is verified to be so, contact your IBM support representative.

HWNP4086W: A database query gave no result rows.

Explanation

TPC executed a query operation that generated no result rows. This might be because the parameters to the query were valid, but there is no underlying data, or

the parameters to the query were incorrect. This might result in the failure of a higher level operation.

Administrator Response

Check the trace log for more information.

HWNPM4087W: Missing or invalid association between CIMOM *CIMOM URL* and device *device name*. The configured CIMOM is inoperative, or may no longer be managing the specified device.

Explanation

The TPC database no longer carries the association between the indicated CIMOM and device. This could be because a previous TPC discovery job detected that the device was removed from the CIMOM configuration, or it could be because the CIMOM was not operational at the time of the last TPC discovery job, causing the CIMOM-to-device association to be deleted from the TPC database.

Administrator Response

There are several common causes for this problem:

1. If the device was moved to a different CIMOM, ensure that the most recent TPC CIMOM discovery job detected the new CIMOM and its association to the device. If necessary, run a new CIMOM discovery job to detect this association. Then manually stop and restart the TPC performance monitor for the device, to force the use of the new CIMOM by the monitor.
2. If the device is intended to still be managed by the indicated CIMOM, check the CIMOM configuration. If the device was accidentally removed from the configuration, add it back, or if the CIMOM is not currently operational, restart the CIMOM. Then run a new TPC CIMOM discovery job to allow TPC to rediscover the CIMOM-to-device association. The existing TPC performance monitor for the device should start working again automatically, once the CIMOM-to-device association is added back to the TPC database by the discovery job.

HWNPM4091E: Encountered an error during execution of a discover service process.

Explanation

An unexpected error occurred during discover process execution for the fiber channel switch.

Administrator Response

Contact your IBM support representative.

HWNPM4092E: Encountered *exception* during execution of a discover service process.

Explanation

An unexpected error occurred during discover process execution for the fiber channel switch. The specified exception was caught as a result.

Administrator Response

Contact your IBM support representative.

HWNPM4093E: An input business object could not be converted to a CIMInstance.

Explanation

An input business object (such as a Switch or a Port object) could not be converted to the CIMInstance form (required by an executing discover service process) because its CIM Keys were not found in the TPC database. This could be because the input object was erroneous, hence no record for its keys exists in the database, or because the top level discovery is incomplete or erroneous (for example, the CIM keys of the Switch exist in the database, but not the keys of its constituent ports). This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNPM4100E: Failed to initialize SVC counter data service discover service reference.

Explanation

The SVC counter data service was unable to access the discover service. Without the discover service, the SVC counter data service cannot run.

Administrator Response

Contact your IBM support representative.

HWNPM4101E: Failed to initialize SVC counter data service configuration service reference.

Explanation

The SVC counter data service was unable to access the configuration data service. Without the configuration data service, the SVC counter data service cannot run.

Administrator Response

Contact your IBM support representative.

HWNPM4102E: Failed to parse performance data file time stamp suffix: *filename*.

Explanation

An error occurred while attempting to parse the time stamp suffix of an SVC iostats log file.

Administrator Response

Contact your IBM support representative.

HWNPM4103E: CIM/OM operation time out (*time out value* seconds) expired.

Explanation

The CIM/OM communication time out expired while executing a CIM/OM operation.

Administrator Response

Increase the CIM/OM communication time out. If the problem persists, contact your IBM support representative.

HWNPM4104E: Failed to retrieve CIM/OM password for SVC counter data service access point: *access point*.

Explanation

An error occurred while trying to retrieve the password associated with an SVC counter data service access point. Without the password, the SVC counter data service cannot login to the CIM/OM for performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4105E: Encountered *exception* during execution of discover service process.

Explanation

An unexpected error occurred during discover process execution. The specified exception was caught as a result.

Administrator Response

Contact your IBM support representative.

HWNPM4106E: Encountered invalid SVC component type: *component type*.

Explanation

An invalid SVC component type was encountered while processing SVC performance data. This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNP4107E: Failed to create performance data object: *performance data object class.*

Explanation

An error occurred while trying to create an instance of the specified performance data object. This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNP4108E: TimeZone property is not defined for SVC cluster: *cluster identifier.*

Explanation

The TimeZone property is not defined for the specified SVC cluster. A timezone must be available for successful performance data retrieval.

Administrator Response

Set the TimeZone property on the SVC cluster specified in the message. If you have trouble doing so, contact your IBM support representative.

HWNP4109E: SVC cluster TimeZone property is set to unrecognized value: *timezone id and name.*

Explanation

PM does not recognize the value associated with the SVC TimeZone property. This is an internal error.

Administrator Response

Contact your IBM support representative.

HWNP4110E: StatisticsStatus property is not defined for SVC cluster: *cluster identifier.*

Explanation

The StatisticsStatus property is not defined for the specified SVC cluster. This property must be set for PM to determine whether or not performance data collection is active on a given SVC. The value of this property is updated when performance data collection is either turned on or off. If it is not set, a problem might exist with the SVC.

Administrator Response

Contact your IBM support representative.

HWNPM4111E: Failed to retrieve *dump filename* dump from SVC node *node identifier* (return code = *return code*).

Explanation

An error occurred while trying to retrieve the specified dump from the specified SVC node. As a result, performance data collection could not complete successfully. A problem might exist with the SVC.

Administrator Response

Contact your IBM support representative.

HWNPM4112E: IsConfigNode property is not defined for SVC node: *node identifier*.

Explanation

The IsConfigNode property is not defined for the specified SVC node. The IsConfigNode property must be available for each node in a cluster for successful performance data retrieval.

Administrator Response

Contact your IBM support representative.

HWNPM4113E: Caught *exception* while processing SVC XML performance data.

Explanation

An unexpected error occurred while attempting to parse SVC XML performance data.

Administrator Response

Contact your IBM support representative.

HWNPM4114E: SVC cluster *cluster identifier* has more than one configuration node.

Explanation

The specified SVC cluster has more than one configuration node. The SVC is misconfigured.

Administrator Response

Configure the specified SVC cluster such that it has only one configuration node and retry performance data collection. If this message continues to appear, contact your IBM support representative.

HWNPM4115E: SVC cluster *cluster identifier* does not have a configuration node.

Explanation

The specified SVC cluster does not have a configuration node. The SVC is misconfigured.

Administrator Response

Configure the specified SVC cluster such that it has exactly one configuration node and retry performance data collection. If this message continues to appear, contact your IBM support representative.

HWNPM4116W: Failed to associate SVC performance data from non-configuration node with SVC performance data from configuration node.

Explanation

Time stamp information is used to correlate SVC performance data from non-configuration nodes with SVC performance data from configuration nodes. An attempt to perform such correlation failed. The likely cause is a mismatch in node clocks.

Administrator Response

Make sure the clocks of the nodes in the SVC from which data is being collected are in synch. If this message continues to appear, contact your IBM support representative.

HWNPM4117W: Encountered incomplete SVC performance data sample.

Explanation

A SVC performance data sample is considered incomplete if one of the nodes in the cluster does not have an Nm_stats file. The likely cause of an incomplete performance data sample is a mismatch in node clocks.

Administrator Response

Make sure the clocks of the nodes in the SVC from which data is being collected are in synch. If this message continues to appear, contact your IBM support representative.

HWNPM4118E: Firmware version information is not available for storage subsystem *subsystem name*. Performance data collection cannot proceed.

Explanation

Version information is not available for the specified storage subsystem.

Administrator Response

Contact your IBM support representative.

HWNPM4119E: The firmware installed on storage subsystem *subsystem name (firmware version)* is not supported for performance data collection. The minimum level of firmware supported for performance data collection is *firmware version*.

Explanation

The firmware installed on the specified device is too old to perform performance monitoring.

Administrator Response

Follow the vendor's instructions to upgrade the firmware on the specified storage subsystem to the level specified in the message. If the problem persists after the upgrade, contact your IBM support representative.

HWNPM4150E: Unable to retrieve storage subsystem for this device: *device identifier*.

Explanation

The storage subsystem was unable to be retrieved from the database.

Administrator Response

Check if the database contains the storage subsystem for this device.

HWNPM4151E: Unable to determine the status of any performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to communicate with this device or its device agent.

Administrator Response

Contact your IBM support representative.

HWNPM4152E: Performance data collection has already been enabled for this device: *device identifier*.

Explanation

Another user has already started performance data collection, and this device or its device agent only allows one collection to be performed at a time.

Administrator Response

Wait for the previously enabled collection to complete, then try again.

HWNPM4153E: Performance data collection is not enabled for this device: *device identifier*.

Explanation

Performance data collection is not currently running for this device. It must be enabled before stopping it.

Administrator Response

None. Performance data collection is already stopped.

HWNPM4154E: Unable to start performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to communicate with this device or its device agent.

Administrator Response

Contact your IBM support representative.

HWNPM4155E: Failed to enable performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to enable performance data collection.

Administrator Response

Check the frequency and duration of the performance data collection. If correct, contact your IBM support representative.

HWNPM4156E: Unable to stop performance data collection for this device: *device identifier*.

Explanation

An exception occurred while attempting to communicate with this device or its device agent.

Administrator Response

Contact your IBM support representative.

HWNPM4157E: Failed to disable performance data collection for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to disable performance data collection.

Administrator Response

Contact your IBM support representative.

HWNPM4158E: Unable to complete start performance data collection task for this device: *device identifier*.

Explanation

An exception occurred while attempting to execute an internal process.

Administrator Response

Contact your IBM support representative.

HWNPM4159E: Unable to complete stop performance data collection task for this device: *device identifier*.

Explanation

An exception occurred while attempting to execute an internal process.

Administrator Response

Contact your IBM support representative.

HWNPM4160E: Unable to complete performance data collection status query task for this device: *device identifier*.

Explanation

An exception occurred while attempting to execute an internal process.

Administrator Response

Contact your IBM support representative.

HWNPM4161E: Performance data collection is not enabled for this device: *device identifier*.

Explanation

Performance data collection is not currently running for this device. It must be enabled in order to poll for performance data.

Administrator Response

Start performance data collection before polling for performance data.

HWNPM4162E: Unable to retrieve port performance statistics data for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to retrieve port statistics.

Administrator Response

Contact your IBM support representative.

HWNPM4163E: Unable to retrieve volume performance statistics data for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to retrieve volume statistics.

Administrator Response

Contact your IBM support representative.

HWNPM4164E: Unable to retrieve rank performance statistics data for this device: *device identifier*.

Explanation

The device or device agent returned an error code when attempting to retrieve rank statistics.

Administrator Response

Contact your IBM support representative.

HWNPM4165E: Unable to retrieve performance statistics data for this device: *device identifier*.

Explanation

An exception occurred while attempting to communicate with this device or its device agent.

Administrator Response

Contact your IBM support representative.

HWNPM4166E: Unable to complete polling for performance data collection task for this device: *device identifier*.

Explanation

An exception occurred while attempting to execute an internal process.

Administrator Response

Contact your IBM support representative.

HWNPM4167E: Unable to retrieve a device agent for this device: *device identifier*.

Explanation

An error occurred while attempting to obtain a device agent, such as a CIMOM, that controls this device.

Administrator Response

Confirm that this device is registered with a device agent, and that the device agent is known to TPC. If there is a device agent, contact your IBM support representative.

HWNPM4168E: Failed attempt to use device *device identifier* counter data service with device *different device identifier*.

Explanation

A collection service is already assigned to another device.

Administrator Response

An internal error occurred with misassigned devices. Contact your IBM support representative.

HWNPM4169E: An invalid access point of *device agent URL* was used to acquire the agent for this device: *device identifier*.

Explanation

The access point passed into an internal process is in the wrong format.

Administrator Response

An internal error occurred with incorrect variables. Contact your IBM support representative.

HWNPM4170E: The device agent's configuration for *device identifier* has changed from the given access point, *device agent URL*.

Explanation

The access point passed into an internal process is incorrect.

Administrator Response

An internal error occurred with misassigned devices. Contact your IBM support representative.

HWNPM4171E: Performance data collection start task timed out after *time* seconds for device: *device identifier*.

Explanation

The internal task of starting performance data collection took too long.

Administrator Response

Contact your IBM support representative.

HWNPM4172E: Performance data collection stop task timed out after *time* seconds for device: *device identifier*.

Explanation

The internal task of stopping performance data collection took too long.

Administrator Response

Contact your IBM support representative.

HWNPM4173E: Performance data collection check status task timed out after *time* seconds for device: *device identifier*.

Explanation

The internal task of checking the performance data collection status took too long.

Administrator Response

Contact your IBM support representative.

HWNPM4174E: Performance data collection poll task timed out after *time* seconds for device: *device identifier*.

Explanation

The internal task of polling for performance statistics data took too long.

Administrator Response

Contact your IBM support representative.

HWNPM4175W: An error occurred while parsing statistics for port *port identifier*. Its statistics will be excluded.

Explanation

Unable to complete parsing statistics for this port. Possible problems include:

1. An internal component ID could not be created for the port.
2. A valid interval value was not returned.
3. A valid time stamp for the statistic was not returned.
4. The statistic returned was out of date.

Administrator Response

Contact your IBM support representative.

HWNPM4176W: An error occurred while parsing statistics for volume *volume identifier*. Its statistics will be excluded.

Explanation

Unable to complete parsing statistics for this volume. Possible problems include:

1. An internal component ID could not be created for the volume.
2. A valid interval value was not returned.
3. A valid time stamp for the statistic was not returned.
4. The statistic returned was out of date.

Administrator Response

Contact your IBM support representative.

HWNPM4177W: An error occurred while parsing statistics for rank *rank identifier*. Its statistics will be excluded.

Explanation

Unable to complete parsing statistics for this rank. Possible problems include:

1. An internal component ID could not be created for the rank.
2. A valid interval value was not returned.
3. A valid time stamp for the statistic was not returned.
4. The statistic returned was out of date.

Administrator Response

Contact your IBM support representative.

HWNPM4178E: Failed to decrypt the device agent's password for device *device identifier*.

Explanation

An exception occurred while trying to decrypt the device agent's password. Without the password, the requested task cannot complete successfully.

Administrator Response

Contact your IBM support representative.

HWNPM4179W: Performance data collection is currently enabled with errors for device *device identifier*.

Explanation

The device agent is indicating that the data collection has encountered a problem while collecting data from the device. This might result in the loss of some statistics data.

Administrator Response

Contact your IBM support representative.

HWNP4180E: Unable to retrieve *key identifier* value from the internal discover process.

Explanation

An internal process failed to map data correctly in order for the task to succeed.

Administrator Response

Contact your IBM support representative.

HWNP4181W: *number of ports* of the port statistics from the device agent were unrecognized and were not included in this sample interval.

Explanation

The port statistics data received from the device agent included data for a number of unknown ports. This could be due to one of the following conditions:

- The subsystem contains some ports which are not fibre-channel ports. TPC as well as some device agents (mostly CIMOMs) currently only support fibre-channel ports, so other types of ports (parallel SCSI-3, or ESCON ports for example) will be treated as unrecognized. If this is the case, this warning message can be safely ignored.
- The probe of the subsystem did not complete successfully, and failed to record information for all ports of the subsystem.
- The subsystem was recently upgraded and more ports were added which were not yet discovered by TPC.

Administrator Response

If your subsystem contains unsupported ports, this message is expected but you can safely ignore it. Otherwise, run a probe for the subsystem to ensure that any unrecognized ports are discovered and properly recorded in the TPC database. If this message persists for subsequent performance data collection intervals, even after successful completion of a probe, contact your IBM service representative.

HWNP4182W: *number of volumes* of the volume statistics from the device agent were unrecognized and were not included in this sample interval.

Explanation

The volume statistics data received from the device agent included data for a number of unknown volumes. This could be due to one of the following conditions:

- The probe of the subsystem did not complete successfully, and failed to record information for all volumes of the subsystem.
- The subsystem configuration was recently changed to add more volumes. These new volumes have not yet been discovered by TPC.

Administrator Response

Rerun a probe for the subsystem to ensure that any unrecognized volumes are discovered and properly recorded in the TPC database. If this message persists for subsequent performance data collection intervals, even after successful completion of a probe, contact your IBM service representative.

HWNPM4183W: *number of ranks* of the rank statistics from the device agent were unrecognized and were not included in this sample interval.

Explanation

The rank statistics data received from the device agent included data for a number of unknown ranks. This could be due to one of the following conditions:

- The probe of the subsystem did not complete successfully, and failed to record information for all storage extents of the subsystem.
- The subsystem configuration was recently changed to add more ranks. These new storage extents have not yet been discovered by TPC.

Administrator Response

Rerun a probe for the subsystem to ensure that any unrecognized ranks are discovered and properly recorded in the TPC database. If this message persists for subsequent performance data collection intervals, even after successful completion of a probe, contact your IBM service representative.

HWNPM4184E: The device agent configured for this storage subsystem is not supported for this task. The current version, *version number*, is downlevel from the minimum required, *version number*.

Explanation

Performance data cannot be collected from the subsystem through this particular device agent (usually a CIMOM), because the version of the agent is not supported by the TPC Performance Manager.

Administrator Response

Use another device agent, or upgrade the version of the existing device agent to the minimum required level indicated in the message.

HWNPM4185W: The device agent did not return all performance statistics data for this time interval. The incomplete data is being processed.

Explanation

TPC expects to receive performance data for ports, ranks, and volumes from the device and device agent. One or two of these types of data was not received as expected. This usually indicates that there is a problem with the device itself, the native device interfaces, or the device agent.

In the rare case that there are no ranks or no volumes defined on the device, this message can safely be ignored because then no rank or volume statistics will be sent by the device. However, in that case it is not necessary to run a performance monitor for the device because there is no performance to be measured.

Administrator Response

Ensure that the device and the native device interfaces are operating normally. Ensure that the device agent is operating normally. It might be necessary to view error and/or trace logs for your device and/or device agent. Contact your IBM service representative for help, if necessary.

HWNPM4186W: The ESS CIM agent did not return performance statistics data for both clusters for this time interval. The incomplete data is being processed.

Explanation

TPC expects to receive performance data for ports, ranks, and volumes from ESS CIM agent for both clusters. The data for one cluster was not received as expected. This usually indicates that there is a problem with the device itself, the native device interfaces, or the device agent.

Administrator Response

Ensure that the device and the native device interfaces are operating normally. Ensure that the ESS CIM agent is operating normally. It might be necessary to view error and/or trace logs for your device and/or device agent. Contact your IBM service representative for help, if necessary.

HWNPM4187W: The device does not support performance management for pool *pool ID* because it contains Space Efficient Volumes. Only incomplete performance data can be collected for array *array ID*.

Explanation

The specified pool contains space efficient volumes, which makes it impossible to accurately manage the performance for those ranks, the arrays associated with those ranks, and the device adapters associated with those arrays.

For DS8000 devices whenever a pool consisting of multiple ranks contains space efficient volumes that are not yet fully allocated, the performance impact of those volumes on their associated ranks cannot be measured. As a result, to avoid presenting the user with potentially inaccurate or misleading performance data, the Performance Manager does not attempt to compute the performance metrics for the affected arrays and device adapters.

Administrator Response

None.

HWNPM4188W: The performance monitor was unable to collect performance statistics data from the CIM agent for the following component types: *component list*.

Explanation

The request for performance statistics from the CIM agent resulted in no statistic data being received for either the ports, ranks, and/or volumes.

The performance monitor will attempt to retrieve statistics for all components until the next polling interval. If the components statistics continue to be missing for the next polling interval, the statistics that are available will be processed. This may result in the loss of some data.

Administrator Response

Confirm that both the subsystem and the subsystem's CIM agent are working properly. Contact your IBM support representative for further assistance.

HWNPM4250E: Failed to start the discover service for the SMI-S counter data service.

Explanation

An error occurred while attempting to start the discover service for the SMI-S counter data service.

Administrator Response

Contact your IBM support representative.

HWNPM4251E: Failed to start the configuration service for the SMI-S counter data service.

Explanation

An error occurred while attempting to start the configuration service for the SMI-S counter data service.

Administrator Response

Contact your IBM support representative.

HWNPM4252I: Successfully returned access point *device namer* for device *device name*.

Explanation

The access point required for the SMI-S counter data service was successfully retrieved.

Administrator Response

None.

HWNPM4253I: Successfully stopped SMI-S counter data service on access point *access point* for device *device name*.

Explanation

The SMI-S counter data service was successfully stopped.

Administrator Response

None.

HWNPM4254I: The SMI-S counter data service is active on access point *access point* for device *device name*.

Explanation

The SMI-S counter data service is active.

Administrator Response

None.

HWNPM4255I: The SMI-S counter data service is inactive on access point *access point* for device *device name*.

Explanation

The SMI-S counter data service is inactive.

Administrator Response

None.

HWNPM4256I: Performance statistics successfully returned on access point *access point* for device *device name*.

Explanation

The performance statistics for the SMI-S counter data service were successfully returned.

Administrator Response

None.

HWNPM4257W: Performance statistics not returned on access point *access point* for device *device name*.

Explanation

The performance statistics for the SMI-S counter data service were not successfully returned.

Administrator Response

If SMI-S block storage performance statistics are supported on the device, then contact your IBM support representative.

HWNPM4258E: No CIM/OMs found for device *device name*.**Explanation**

No CIM/OMs were found for the device. The CIM/OM is required to retrieve performance statistics for the SMI-S counter data service.

Administrator Response

Check if a CIM/OM is defined for the device. If the CIM/OM is defined, then contact your IBM support representative.

HWNPM4259E: No storage subsystem found for device *device name*.**Explanation**

No storage subsystem was found for the device. A storage subsystem is required to retrieve performance statistics for the SMI-S counter data service.

Administrator Response

Check if a storage subsystem is defined for the device. If the storage subsystem is defined, then contact your IBM support representative.

HWNPM4260E: Failed to initialize the polling context for device *device name*.**Explanation**

The polling context contains the data required to retrieve storage subsystem statistics from the SMI-S counter data service. Therefore, the request fails.

Administrator Response

Contact your IBM support representative.

HWNPM4261E: Failed to retrieve the device capabilities for device *device name*.**Explanation**

The attempt to retrieve the device capabilities for the device failed.

Administrator Response

Contact your IBM support representative.

HWNPM4262E: A database exception occurred trying to retrieve the device capabilities for device *device name*.**Explanation**

Unable to retrieve the device capabilities for the device due to a database exception.

Administrator Response

Contact your IBM support representative.

HWNPM4263E: A database exception occurred trying to retrieve the storage subsystem for device *device name*.

Explanation

Unable to retrieve the storage subsystem for the device due to a database exception.

Administrator Response

Contact your IBM support representative.

HWNPM4264W: Failed to retrieve manifest for *component type*.

Explanation

The attempt to retrieve a manifest for the device failed. Each component type will have its own manifest, and if the component is not supported, the manifest will not be located.

Administrator Response

If the component type is supported, contact your IBM support representative.

HWNPM4265E: A database exception occurred trying to retrieve the Manifests for device *device name*.

Explanation

Unable to retrieve the manifests for the device due to a database exception.

Administrator Response

Contact your IBM support representative.

HWNPM4266E: No manifests found for device *device name*.

Explanation

No manifests were found for the device. The manifests are required to parse the performance statistics that are returned. Therefore, the request fails.

Administrator Response

If the component type is supported, contact your IBM support representative.

HWNPM4267E: A database exception occurred trying to retrieve the discovery parameters for device *device name*.

Explanation

Unable to retrieve the discovery parameters the device due to a database exception.

Administrator Response

Contact your IBM support representative.

HWNPM4268E: Statistics record not correctly formatted due to exception *local exception string*.

Explanation

The statistics record is not correctly formatted.

Administrator Response

Contact your IBM support representative.

HWNPM4269E: Statistics record not correctly parsed due to exception *local exception string*.

Explanation

The statistics record is not correctly parsed.

Administrator Response

Contact your IBM support representative.

HWNPM4270W: The block storage statistics is not formatted for device *device name*.

Explanation

The block storage statistics is not correctly formatted for the device.

Administrator Response

If block storage statistics are supported for this device, contact your IBM support representative.

HWNPM4271E: The CIM/OM found for device *device name* is not valid.

Explanation

The CIM/OM found for the device is not valid. The CIM/OM is required to retrieve performance statistics for the SMI-S counter data service.

Administrator Response

Check if a CIM/OM found for the device is valid. If the CIM/OM is valid, then contact your IBM support representative.

HWNPM4272E: The storage subsystem found for device *device name* is not valid.

Explanation

The storage subsystem found for the device is not valid. The storage subsystem must have a serial number, and a storage subsystem is required to retrieve performance statistics for the SMI-S counter data service.

Administrator Response

Check if a storage subsystem has a defined serial number. If the storage subsystem has a defined serial number, then contact your IBM support representative.

HWNPM4273W: Discarding the stale performance statistics returned on access point *access point for device device name*.

Explanation

Some of the performance statistics counters were not updated on the CIM/OM for the device. TPC will discard all the performance data retrieved from the CIM/OM during this sample interval. TPC will automatically try to retrieve the performance statistics after a short timeout.

Administrator Response

None

HWNPM4502E: Attempt to delete a default policy.

Explanation

An IBM default policy or current default policy cannot be deleted.

Administrator Response

None.

HWNPM4503E: A database update operation failed.

Explanation

A failure occurred when TPC attempted to make an update to the database.

Administrator Response

Verify that database is operational and online.

HWNPM4504E: A database insert operation failed.

Explanation

A failure occurred when TPC attempted to insert a new row into the database.

Administrator Response

Verify that database is operational and online.

HWNP4505E: A database delete operation failed.**Explanation**

A failure occurred when TPC attempted to delete one or more rows from a database table.

Administrator Response

Verify that database is operational and online.

HWNP4506E: A database cursor operation failed.**Explanation**

A failure occurred when TPC attempted to obtain or use a database cursor.

Administrator Response

Verify that database is operational and online.

HWNP4507E: A database connect operation failed.**Explanation**

A failure occurred when TPC attempted to connect to the database.

Administrator Response

Verify that database is operational and online.

HWNP4508E: A database retrieve operation failed.**Explanation**

A failure occurred when TPC attempted to retrieve a row from a database table.

Administrator Response

Verify that database is operational and online.

HWNP4509E: A database operation failed.**Explanation**

A generalized database failure occurred.

Administrator Response

Verify that database is operational and online.

HWNP4510E: A database query operation failed.**Explanation**

A failure occurred when TPC attempted a database query operation.

Administrator Response

Verify that database is operational and online.

HWNPM4511E: A database commit operation failed.

Explanation

A failure occurred when TPC attempted a database commit operation.

Administrator Response

Verify that database is operational and online.

HWNPM5200E: The performance manager failed to publish event *even name* due to exception *exception*.

Explanation

The performance manager failed to publish event to other modules.

Administrator Response

Restart device server and try again.

HWNPM5210E: The performance manager failed to receive event from other modules.

Explanation

The performance manager failed to receive event from other modules.

Administrator Response

Restart device server and try again.

HWNPM5211E: The first parameter passed to this method is null.

Explanation

The subscriber can not be null when calling this method.

Administrator Response

Make sure the first parameter passed to this method is not null.

HWNPM5212E: The second parameter passed to this method is invalid.

Explanation

The event array can not be null or empty.

Administrator Response

Make sure the second parameter passed to this method is valid.

HWNPM5400E: The performance data collection identifiers are not valid integers: schedule ID {0}, schedule run number {1}, job run number {2}.

Explanation

Each performance data collection job is identified by three integers. The scheduler service did not receive three integers when asked to update the job status, and so could not identify the correct job.

Administrator Response

Contact your IBM support representative.

HWNPM5401E: There was a problem establishing the database connection: {0}.

Explanation

An exception occurred when trying to retrieve the database connection from the connection pool.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM5402E: There was a problem creating the new run job entry: {0}.

Explanation

An exception occurred when trying to insert a new run job entry into the database.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM5403E: There was a problem updating the run job entry {0}: {1}.

Explanation

An exception occurred when trying to update an existing run job entry in the database.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM5404E: There was a problem closing the database connection: {0}.

Explanation

An exception occurred when trying to close the database connection.

Administrator Response

Make sure your database is working correctly. If you cannot find anything wrong with the database, contact your IBM support representative.

HWNPM5405E: There was a problem inserting a new run job into the database: {0}.

Explanation

An exception occurred when trying to insert the run job into the database table T_RUN_JOBS.

Administrator Response

Contact your IBM support representative.

HWNPM5406E: There was a problem executing an update for run job number {0} in the database.

Explanation

No rows were updated when an attempt was made to update a run job in the database.

Administrator Response

Contact your IBM support representative.

HWNPM5407E: There was a problem executing an update for run job number {0} in the database.

Explanation

No rows were updated when an attempt was made to update a run job in the database.

Administrator Response

Contact your IBM support representative.

HWNPM5408E: There was a problem executing an update for run number {0} in the database.

Explanation

No rows were updated when an attempt was made to update a run in the database.

Administrator Response

Contact your IBM support representative.

HWNRM

HWNRM0000I: Connection to Replication Manager Server successful.

Explanation

IBM Tivoli Storage Productivity Center can successfully communicate with the Replication Manager server.

Administrator Response

None.

HWNRM0001E: Communication with Replication Manager server failed.

Explanation

IBM Tivoli Storage Productivity Center can not communicate with the Replication Manager server.

Administrator Response

Verify correct port is used for Replication Manager server and that the Replication Manager server is up and running.

HWNRM0002E: The specified port number {0} is invalid.

Explanation

The port number specified is not correct.

Administrator Response

Use numeric port number.

HWNRM0003E: Invalid host or port specified.

Explanation

The hostname and/or the port number for the Replication Manager server is invalid.

Administrator Response

Provide a valid hostname/port number for the Replication Manager server. If only port number can be changed, provide valid port number.

HWNRM0004E: Unknown host error.

Explanation

Can not resolve host for the Replication Manager server.

Administrator Response

If hostname doesn't work, try providing the IP address.

HWNRM0005E: Failed to connect to the Replication Manager server.

Explanation

The most likely cause of this error is that wrong port number is given for the Replication Manager Server. Another possible cause of this error is the internal authentication failure between IBM Tivoli Storage Productivity Center and the Replication Manager Server.

Administrator Response

Make sure that the port number entered is correct. The correct port number can be found from the config file `repcli.properties` located at `{replication manager install directory}/replication/CLI/`. The default port is 5110. Contact IBM customer technical support with all related errors.

HWNRM0006E: Status update failed in database.

Explanation

Could not update the status of Replication Manager connection test in the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to communicate with the database. If the problem persists, contact IBM customer technical support with all related errors.

HWNRM0007E: Unable to read status from database.

Explanation

Could not read the previous status of Replication Manager connection test in the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to communicate with the database, if problem persists, contact IBM service.

HWNRM0008E: Certificate file for authentication with Replication Manager not found.

Explanation

IBM Tivoli Storage Productivity Center could not locate the certificate file to connect to the Replication Manager server.

Administrator Response

This could be due to failed installation of Replication Manager server, or deleting some files from the IBM Tivoli Storage Productivity Center installation directory.

HWNRM0009E: Replication Manager certificate error.

Explanation

IBM Tivoli Storage Productivity Center found an invalid/corrupted certificate file which is needed to communicate with the Replication Manager server.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNRM0010E: Unable to read Replication Manager authentication certificate.

Explanation

IBM Tivoli Storage Productivity Center found an invalid/corrupted certificate file which is needed to communicate with the Replication Manager server.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNRM0011E: Replication Manager server is not installed.

Explanation

IBM Tivoli Storage Productivity Center has not detected Replication Manager server installation.

Administrator Response

If Replication Manager functionality is required, make sure it is installed and running. Replication Manager server should be installed using the IBM Tivoli Storage Productivity Center installer.

HWNRM0100E: The delete action failed because the session check with the Replication Manager server failed. {0}

Explanation

A storage subsystem or volume can not be deleted without successfully checking if it is in an active Replication session.

Administrator Response

Make sure Replication Server is up and running and do a connectivity test to it from the IBM Tivoli Storage Productivity Center.

HWNRM0101W: These subsystem(s) are in active replication session and can not be deleted. {0}

Explanation

A storage subsystem can not be deleted if it is in an active Replication session.

Administrator Response

Go to Replication Manager and remove the storage subsystem from the Replication session.

HWNRM0102W: The volume is in active replication session. {0}

Explanation

A storage subsystem volume can not be deleted if it is in an active Replication session.

Administrator Response

Go to Replication Manager and remove the storage subsystem volume from the Replication session.

HWNRM0103W: Error getting storage subsystems.

Explanation

Not able to retrieve storage subsystems from Replication Manager server.

Administrator Response

Make sure Replication Manager server is up and running and that the IBM Tivoli Storage Productivity Center is able to communicate with the Replication Manager server.

HWNRM0104E: Error getting storage subsystem information.

Explanation

Not able to retrieve storage subsystem details from Replication Manager server.

Administrator Response

Make sure Replication Manager server is up and running and that the IBM Tivoli Storage Productivity Center is able to communicate with the Replication Manager server.

HWNRM0105E: Storage subsystem not found in TPC database.

Explanation

Not able to retrieve storage subsystem details from the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to communicate with the database. If problem persists, contact IBM customer technical support with all related errors.

HWNRM0106E: Storage subsystem type is not supported for Replication.

Explanation

The given storage subsystem type is not supported by Replication Manager.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNRM0107E: Volume not found in the IBM Tivoli Storage Productivity Center database.

Explanation

Volume not found in the IBM Tivoli Storage Productivity Center database.

Administrator Response

The specified volume not found in the IBM Tivoli Storage Productivity Center database. If problem persists, please contact IBM customer technical support with all related errors.

HWNRM0108E: Volume not found, volume not valid. {0}

Explanation

Volume not found, volume not valid.

Administrator Response

The specified volume not found in the IBM Tivoli Storage Productivity Center database. If problem persists, please contact IBM customer technical support with all related errors.

HWNRM0109E: Resource not found in Replication Manager. {0}

Explanation

The storage subsystem or volume not found in Replication Manager.

Administrator Response

Contact IBM customer technical support with all related errors.

HWNRM0110E: Error getting volume information.

Explanation

Error getting volume information from the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to connect to database. If problem persists, contact IBM customer technical support with all related errors.

HWNRM0200E: Error getting server information from the database.

Explanation

Error getting Replication Manager server information from the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to connect to database. If problem persists, contact IBM customer technical support with all related errors.

HWNRM0201E: Error updating the server information into the database.

Explanation

Error updating Replication Manager server information into the IBM Tivoli Storage Productivity Center database.

Administrator Response

Make sure IBM Tivoli Storage Productivity Center is able to connect to database. If problem persists, contact IBM customer technical support with all related errors.

HWNSS0001E: The TPC device server is down and cannot perform OS user authentication. It is still possible to perform OS user authentication against the data server, however since the device server is down the TPC functionality will be limited. Among the limitations is the inability to perform SSO to other applications that rely on the presence of a lightweight third party authentication token. To proceed enter a local OS username and password.

Explanation

Authentication and Single Sign On (SSO) functionality is primarily obtained through the TPC Device Server. With only the TPC Data Server running, TPC can only authenticate the user with no SSO capability.

System action

Administrator Response

Restart the TPC Device Server and re-login to TPC.

HWNSS0002E: The TPC device server is down and cannot perform LDAP user authentication.

Explanation

LDAP authentication is only available through the TPC Device Server.

System action

Administrator Response

Restart the TPC Device Server and re-login to TPC.

HWNSS0003E: The single sign-on (SSO) token is missing or incorrect. Enter a valid user name and password.

Explanation

The SSO token is missing. The token might be missing because of incorrect domain information

System action

Administrator Response

Ensure that the application from which you are starting Tivoli Storage Productivity Center is in the same TCP/IP domain as the Tivoli Storage Productivity Center server. If the application from which you are starting Tivoli Storage Productivity Center is in a different TCP/IP domain than the Tivoli Storage Productivity Center server, a fully qualified domain name (FQDN) is required for the server. If a FQDN was not provided for the server during installation, you can change the domain

name using the Tivoli Integrated Portal (TIP) administrative console.

HWNTM

HWNTM0001I: Operation *Name of the operation processed successfully.*

Explanation

A Tape Manager webservice has been executed successfully. No error condition has been encountered.

Administrator Response

No action is required.

HWNTM0002E: Mandatory parameter *Name of the mandatory parameter which is missing missing*

Explanation

Mandatory parameter {0} missing

Administrator Response

Contact IBM Support.

HWNTM0003E: Invalid parameter *Name of the parameter which was invalid*

Explanation

Invalid Parameter{0}

Administrator Response

Contact IBM Support.

HWNTM1503E: An internal error occurred: *Text describing the internal error. Check the errorTrace.log file.*

Explanation

An internal error occurred during execution. This is an unexpected error and any exceptions will be logged in the errorTrace.log file.

Administrator Response

Review the traceTPCFabric.log file. If the problem persists, contact IBM Support.

HWNTM1504E: Entity corresponding to any of the cimomIDs not found

Explanation

No DB row was found that corresponds to the key that was passed in as an input parameter.

Administrator Response

If this is in response to a TPC GUI action, contact IBM support.

HWNTM1517E: The connection to CIMOM for tape library *Key of the tape library* could not be made.

Explanation

Creation of the CIM client connection to the tape library failed.

Administrator Response

Ensure that the CIMOM is running and that the correct user ID and password have been set for this CIMOM under CIMOM logins in the TPC UI.

HWNTM1519E: Primary key *Name of non-existing key* does not exist.

Explanation

The given primary key could not be located in the TPC database.

Administrator Response

If this is in response to a TPC GUI action, contact IBM support.

HWNTM1520E: Attribute *Name of non-existing attribute* cannot be found.

Explanation

The given attribute could not be located in the TPC database.

Administrator Response

If this is in response to a TPC GUI action, contact IBM support.

HWNTM1529E: Received unexpected values from CIMOM *The IP and port of the CIMOM*. Check the errorTrace.log file.

Explanation

The CIMOM returned values that are unexpected and might indicate that the CIMOM is not working correctly.

Administrator Response

Review the errorTrace.log file. If the problem persists, contact IBM Support.

HWNTM1537E: Could not create connection to CIMOM *The IP and port for the CIMOM.. Reason: The exception returned by the CIMClient.*

Explanation

No connection to the CIMOM could be established.

Administrator Response

Check the given reason.

HWNTM1538E: The username *The username that was used to connect to the CIMOM.* **or password is wrong on CIMOM** *The IP and port for the CIMOM.*

Explanation

The username and/or password specified for the CIMOM are not valid.

Administrator Response

Set correct username/password combination for the CIMOM.

HWNTM1600W: Operation *Name of the operation.* **partially processed.**

Explanation

A Tape Manager webservice has been partially executed. Some operations as part of this request have failed. Check the detailed error messages.

Administrator Response

No action is required.

HWNTM1601E: Operation *Name of the operation.***failed.**

Explanation

A Tape Manager webservice has failed. None of the operations that are part of this request were processed successfully. Check the detailed error messages.

Administrator Response

No action is required.

HWNTM1602I: This service is not supported for tape library
>tape library identifier<.

Explanation

A Tape Manager webservice does not start a service because it is not supported.

Administrator Response

No action is required.

HWNTM2001I: *Count of collected entities* entities collected.

Explanation

A probe job has collected the given number of entities so far.

Administrator Response

No action is required.

HWNTM2002E: Step failed after collecting *Count of collected entities* entities. Continuing with next step.

Explanation

During a probe job one of the collection steps has failed. This entity type is probably not entirely collected. The probe will continue to execute the subsequent collection steps.

Administrator Response

Look for prior error messages in this log and review the errorTrace.log file. If the problem persists, contact IBM Support.

HWNTM2100I: Starting collection of chassis for tape library >tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2101I: Starting collection of media locations for tape library >tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2102I: Starting collection of cartridges for tape library >tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2103I: Starting collection of drives for tape library
>tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2104I: Starting collection of changer devices for tape library
>tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2105I: Starting collection of limited access ports for tape library
>tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2106I: Starting collection of firmware information for tape library
>tape library identifier<.

Explanation

A probe job has begun to collect entities from the given tape library.

Administrator Response

No action is required.

HWNTM2200I: Collection of chassis completed. Count of collected entities entities collected in total.

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2201I: Collection of media locations completed. *Count of collected entities* **entities collected in total.**

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2202I: Collection of cartridges completed. *Count of collected entities* **entities collected in total.**

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2203I: Collection of drives completed. *Count of collected entities* **entities collected in total.**

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2204I: Collection of changer devices completed. *Count of collected entities* **entities collected in total.**

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2205I: Collection of limited access ports completed. *Count of collected entities* **entities collected in total.**

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

HWNTM2206I: Collection of firmware information completed.
Count of collected entities entities collected in total.

Explanation

A probe job has collected the given number of entities.

Administrator Response

No action is required.

INS

INS0000I: IBM Tivoli Storage Productivity Center for Data Install.

Explanation

The IBM Tivoli Storage Productivity Center for Data is starting.

INS0009I: Processing Option: *option number*.

Explanation

An informational message displaying the current option being processed.

INS0014I: License Agreement agreed to.

Explanation

An informational message stating that the license Agreement has been agreed to.

INS0015W: License Agreement Declined!

Explanation

A warning message stating that the license agreement has been declined.

INS0029I: Selected to be installed: *product name*.

Explanation

An informational message informing which product has been selected to be installed.

INS0030I: Selected to be Uninstalled: *product message*.

Explanation

An informational message informing which product has been selected to be uninstalled.

INS0036E: The license key entered has expired.

Explanation

The license key entered has expired.

Administrator Response

Contact IBM customer technical support.

INS0040E: The MS SQL Server host is required.

Explanation

The MS SQL Server host is required to be entered.

Administrator Response

Contact IBM customer technical support.

INS0041E: An MS SQL Server user with DBA privileges must be specified.

Explanation

An MS SQL Server user with DBA privileges must be specified.

Administrator Response

Contact IBM customer technical support.

INS0042E: The MS SQL Server user's password is required.

Explanation

The MS SQL Server user's password is required.

Administrator Response

Contact IBM customer technical support.

INS0043I: Searching for available MS SQL Server instances.

Explanation

Searching for available MS SQL Server instances.

INS0045I: Cannot search for available MS SQL Server instances.

Explanation

Cannot search for available MS SQL Server instances.

INS0051E: The Name of the Tivoli Storage Productivity Center for Data Server is required.

Explanation

The Name of the IBM Tivoli Storage Productivity Center for Data Server is required.

Administrator Response

Contact IBM customer technical support.

INS0052E: The port number of the server must be a number between 0 and 65535.

Explanation

The port number of the server must be a number between 0 and 65535.

Administrator Response

Contact IBM customer technical support.

INS0053E: The port number of the agent must be a number between 0 and 65535.

Explanation

The port number of the agent must be a number between 0 and 65535.

Administrator Response

Contact IBM customer technical support.

INS0054E: The port numbers of the server and agent must be different.

Explanation

The port numbers of the server and agent must be different.

Administrator Response

Contact IBM customer technical support.

INS0055E: Port *port number* for the server is in use.

Explanation

The specified port number for the server is in use.

Administrator Response

Contact IBM customer technical support.

INS0056I: Port *port number* for the server is available.

Explanation

The specified port number for the server is available.

INS0057E: Port *port number* for the Agent is in use.

Explanation

The specified port number for the Agent is in use.

Administrator Response

Contact IBM customer technical support.

INS0058I: Port *port number* for the Agent is available.

Explanation

The specified port number for the Agent is available.

INS0059I: Verifying port availability.

Explanation

Verifying port availability.

INS0070E: Install Directory cannot be blank.

Explanation

Install Directory cannot be blank.

Administrator Response

Contact IBM customer technical support.

INS0071W: '*directory name*' does not have enough freespace.

Explanation

The specified directory does not have enough freespace.

INS0072E: Specified directory must be on a local hard disk.

Explanation

The specified directory must be on a local hard disk.

Administrator Response

Contact IBM customer technical support.

INS0073E: '*name*' is a file, not a directory.

Explanation

The name specified is the name of a file, not a directory.

Administrator Response

Contact IBM customer technical support.

INS0074E: '*directory name*' is a non-empty directory.

Explanation

The directory name specified is a non-empty directory.

Administrator Response

Contact IBM customer technical support.

INS0075W: '*directory name*' does not exist, it will be created.

Explanation

The directory name specified does not exist, it will be created.

INS0076W: '*directory name*' is on a removable medium or a FAT filesystem which is not as secure as NTFS.

Explanation

The specified directory is on a removable medium or a FAT filesystem which is not as secure as NTFS.

INS0077T: Agent should perform a SCAN when first brought up (gathers default statistics).

Explanation

Agent should perform a SCAN when first brought up (gathers default statistics).

INS0078T: Agent should NOT perform a SCAN when first brought up.

Explanation

Agent should NOT perform a SCAN when first brought up.

INS0079I: Creating *file name* in directory *directory name*.

Explanation

An informational message stating that the specified file is being created in the specified directory.

INS0080I: Server *server name:port number* connection successful - server parameters verified.

Explanation

The connection to the server name and port number was successful.

INS0081E: Server *server name:port number* connection unsuccessful - check server name & port.

Explanation

The connection to the server name and port number was unsuccessful. Check server name and port number.

Administrator Response

Contact IBM customer technical support.

INS0082E: Server did not return computer IDs for Agents.

Explanation

The server did not return computer IDs for Agents.

Administrator Response

Contact IBM customer technical support.

INS0083I: Selected to be maintained: *component*.

Explanation

The specified component has been selected to be maintained.

INS0084I: Applying Tivoli Storage Productivity Center for Data Maintenance Level: *vrelease.version.maintenance level*.

Explanation

Applying the specified Tivoli Storage Productivity Center for Data Maintenance Level.

**INS0085I: Current version of the SERVER:
vrelease.version.maintenance level.**

Explanation

The SERVER is currently at this level.

**INS0086I: Current version of the AGENT:
vrelease.version.maintenance level.**

Explanation

The AGENT is currently at this level.

**INS0087I: Current version of the GUI:
vrelease.version.maintenance level.**

Explanation

The GUI is currently at this level.

INS0090T: Maintenance Completed Successfully.

Explanation

Maintenance Completed Successfully.

INS0094W: The Local agent is currently up, it cannot be selected.

Explanation

The Local agent is currently up, it cannot be selected.

INS0098E: NAS User Name is required if a password is supplied.

Explanation

NAS User Name is required if a password is supplied.

Administrator Response

Specify NAS user name.

INS0099E: NAS Password is required if a user name is supplied.

Explanation

NAS Password is required if a user name is supplied.

Administrator Response

Specify NAS password.

INS0105I: Transmitting agent licensing data to server.

Explanation

Transmitting agent licensing data to server.

INS0107E: Invalid licensing code: *license code*.

Explanation

The license code that has been entered is invalid.

Administrator Response

Enter a valid license code.

INS0108E: Invalid licensing codes. Exactly one of *code one* or *code two* must be specified.

Explanation

Invalid licensing codes.

Administrator Response

Contact IBM customer technical support.

INS0109E: Invalid licensing codes. Code *code* cannot be specified with any other codes.

Explanation

Invalid licensing codes.

Administrator Response

Contact IBM customer technical support.

INS0110E: Unable to read SQL directory *directory*.

Explanation

Unable to read the specified SQL directory.

Administrator Response

Contact IBM customer technical support.

INS0113W: Interbase is intended to be used for small scale TRIALS only. It is NOT recommended for production use.

Explanation

Interbase is intended to be used for small scale trials only. It is not recommended for production use.

INS0114E: Unable to rename registry to *new name*.

Explanation

Unable to rename registry to a new name.

Administrator Response

Contact IBM customer technical support.

INS0115E: Invalid operation.

Explanation

Invalid operation.

Administrator Response

Contact IBM customer technical support.

INS0121W: Cloudscape is intended to be used for small scale TRIALS only. It is NOT recommended for production use.

Explanation

Cloudscape is intended to be used for small scale TRIALS only. It is NOT recommended for production use.

INS1006E: Cannot stat *path name*.

Explanation

Cannot process the specified path.

Administrator Response

Contact IBM customer technical support.

INS1015E: Cannot create directory *path name*.

Explanation

Cannot create the specified directory.

Administrator Response

Contact IBM customer technical support.

INS1016E: Cannot create file *file name*.

Explanation

Cannot create the specified file.

Administrator Response

Contact IBM customer technical support.

INS1017I: Copying *description* --.

Explanation

Copying the described entity.

INS1018I: Copying *file name (file length bytes)*.

Explanation

Copying the specified file.

INS1019I: Deleting *file name*.

Explanation

Deleting the specified file.

INS1020I: Creating directory *directory*.

Explanation

Creating the specified directory.

INS1021E: Cannot open file *file name*.

Explanation

Cannot open the specified file.

Administrator Response

Contact IBM customer technical support.

INS1022E: Error writing *file name optional message text*.

Explanation

Error writing the specified file.

Administrator Response

Contact IBM customer technical support.

INS1023E: Error reading *file name optional message text*.

Explanation

Error reading the specified file.

Administrator Response

Contact IBM customer technical support.

INS1024E: Cannot open registry key *key*.

Explanation

Cannot open the specified registry key.

Administrator Response

Contact IBM customer technical support.

INS1025E: Cannot query registry key *key*.

Explanation

Cannot query the specified registry key.

Administrator Response

Contact IBM customer technical support.

INS1026E: Error enumerating registry keys under *optional message text*.

Explanation

Error enumerating registry keys.

Administrator Response

Contact IBM customer technical support.

INS1027E: Error enumerating registry value *value* under *optional message text*.

Explanation

Error enumerating registry value.

Administrator Response

Contact IBM customer technical support.

INS1028E: Cannot delete registry value *valuevalue*.

Explanation

Cannot delete the specified registry value.

Administrator Response

Contact IBM customer technical support.

INS1029E: Cannot delete registry key *key*.

Explanation

Cannot delete the specified registry key.

Administrator Response

Contact IBM customer technical support.

INS1030E: Error executing REGEDIT.

Explanation

Error executing REGEDIT.

Administrator Response

Contact IBM customer technical support.

INS1031I: Looking for InterBase.

Explanation

Looking for InterBase.

INS1032I: InterBase is not installed.

Explanation

InterBase is not installed.

INS1033I: InterBase was installed by IBM TPCD.

Explanation

InterBase was installed by IBM TPCD.

INS1034I: InterBase is not usable.

Explanation

InterBase is not usable.

INS1035E: Cannot connect to local service manager.

Explanation

Cannot connect to local service manager.

Administrator Response

Contact IBM customer technical support.

INS1036E: Cannot connect to service manager on *remote machine*.

Explanation

Cannot connect to service manager on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1037E: Error creating service *service*.

Explanation

Error creating the specified service.

Administrator Response

Contact IBM customer technical support.

INS1038E: Error creating service *service* on *remote machine*.

Explanation

Error creating the specified service on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1039E: Cannot open service *service*.

Explanation

Cannot open the specified service.

Administrator Response

Contact IBM customer technical support.

INS1040E: Cannot open service *service* on *remote machine*.

Explanation

Cannot open the specified service on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1041E: Cannot start service *service*.

Explanation

Cannot start the specified service.

Administrator Response

Contact IBM customer technical support.

INS1042E: Cannot start service *service* on *remote machine*.

Explanation

Cannot start the specified service on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1043E: Cannot stop service *service*.

Explanation

Cannot stop the specified service.

Administrator Response

Contact IBM customer technical support.

INS1044E: Cannot stop service *service* on *remote machine*.

Explanation

Cannot stop the specified service on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1045E: Cannot delete service *service*.

Explanation

Cannot delete the specified service.

Administrator Response

Contact IBM customer technical support.

INS1046E: Cannot delete service *service* on remote machine.

Explanation

Cannot delete the specified service on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1047E: Cannot exec *command*.

Explanation

Cannot exec the specified command.

Administrator Response

Contact IBM customer technical support.

INS1048E: Error sending SIGHUP to *process ID*.

Explanation

Error sending SIGHUP to the specified process ID.

Administrator Response

Contact IBM customer technical support.

INS1049E: Cannot obtain PID for *object* -- aborting.

Explanation

Cannot obtain PID for the specified object.

Administrator Response

Contact IBM customer technical support.

INS1050E: Cannot create registry key *key*.

Explanation

Cannot create the specified registry key.

Administrator Response

Contact IBM customer technical support.

INS1051E: *directory* does not begin with a drive specification (for example, C:).

Explanation

The specified directory does not begin with a drive specification (for example, C:).

Administrator Response

Contact IBM customer technical support.

INS1052E: *directory* is on a remote mount. You must install to a local hard-drive.

Explanation

The specified directory is on a remote mount. You must install to a local hard-drive.

Administrator Response

Install the specified directory to a local hard-drive.

INS1053E: *directory* is on a removable medium. You must install to a local hard-drive.

Explanation

the specified directory is on a removable medium. You must install to a local hard-drive.

Administrator Response

Install the specified directory to a local hard-drive.

INS1054E: Failed to query remote mounts.

Explanation

Failed to query remote mounts.

Administrator Response

Contact IBM customer technical support.

INS1055E: GetVolumePathName(*directory*) failed.

Explanation

GetVolumePathName() failed.

Administrator Response

Contact IBM customer technical support.

INS1056E: VolNameForMountPoint(*mount point*) failed.

Explanation

VolNameForMountPoint() failed.

Administrator Response

Contact IBM customer technical support.

INS1057E: GET_DRIVE_GEOMETRY(*logical volume*) failed.

Explanation

GET_DRIVE_GEOMETRY() failed.

Administrator Response

Contact IBM customer technical support.

INS1058E: GetVolumeInformation(*mount point*) failed.

Explanation

GetVolumeInformation() failed.

Administrator Response

Contact IBM customer technical support.

INS1059E: statvfs(*directory*) failed.

Explanation

statvfs() failed.

Administrator Response

Contact IBM customer technical support.

INS1060E: *directory* is on some funky filesystem (type *filesystem type*). You must install to a local hard-drive.

Explanation

The specified directory is on a filesystem that cannot be processed.

Administrator Response

Install the specified directory to a local hard-drive.

INS1061E: *directory* does not seem to be mounted anywhere.

Explanation

The specified directory does not seem to be mounted anywhere.

Administrator Response

Contact IBM customer technical support.

INS1062W: SEND_SCSI_COMMAND(*device*) failed.

Explanation

SEND_SCSI_COMMAND() failed.

INS1063E: IDE_IDENTIFY(*device*) failed.

Explanation

IDE_IDENTIFY() failed.

Administrator Response

Contact IBM customer technical support.

INS1064E: Malformed use-count file *file name*.

Explanation

Malformed use-count file.

Administrator Response

Contact IBM customer technical support.

INS1065E: Cannot link: *link* -> *file name*.

Explanation

Cannot link the specified file.

Administrator Response

Contact IBM customer technical support.

INS1069I: *service name* service created.

Explanation

The specified service was created.

INS1070I: *service* started.

Explanation

The specified service was started.

INS1073I: Server is up.

Explanation

Server is up.

INS1074I: Checking for server.

Explanation

Checking for server.

INS1075I: Agent registered.

Explanation

Agent registered.

INS1076E: The agent did not register with the server.

Explanation

The agent did not register with the server.

Administrator Response

Contact IBM customer technical support.

INS1077I: Waiting for agent.

Explanation

Waiting for agent.

INS1078I: Waiting for Probe to complete.

Explanation

Waiting for Probe to complete.

INS1079I: Computer probed.

Explanation

Computer probed.

INS1080E: The agent did not complete its probe in the allotted time. Please use the GUI to examine the log-file of agent *agent name*(open Administrative Services and then Agents).

Explanation

The agent did not complete its probe in the allotted time.

Administrator Response

Use the GUI to examine the log file of the specified agent. If unable to determine the cause of the error contact IBM customer technical support.

INS1081E: The server never came up. Examine *log file name* for possible clues.

Explanation

The server never came up.

Administrator Response

Examine the specified server log file. If unable to determine the cause of the error contact IBM customer technical support.

INS1083E: This product cannot be installed to Windows 95/98/ME.

Explanation

This product cannot be installed to Windows 95, Windows 98, or Windows ME.

INS1084E: Cannot resolve symbolic link *symbolic link*.

Explanation

Cannot resolve the specified symbolic link.

Administrator Response

Contact IBM customer technical support.

INS1085E: Fork failed.

Explanation

Fork failed.

Administrator Response

Contact IBM customer technical support.

INS1090E: No Tivoli Storage Productivity Center for Data products are installed.

Explanation

No Tivoli Storage Productivity Center for Data products are installed.

INS1091E: This product cannot be installed on Solaris releases earlier than 7.

Explanation

This product cannot be installed on Solaris releases earlier than 7.

INS1092E: Cannot initialize COM.

Explanation

Cannot initialize COM.

Administrator Response

Contact IBM customer technical support.

INS1093E: Cannot create link object.**Explanation**

Cannot create link object.

Administrator Response

Contact IBM customer technical support.

INS1094E: Link object does not implement IPersistFile?**Explanation**

Link object does not implement IPersistFile.

Administrator Response

Contact IBM customer technical support.

INS1095E: Cannot save shortcut *link target*.**Explanation**

Cannot save the specified shortcut.

Administrator Response

Contact IBM customer technical support.

INS1096E: Cannot enum shares on *machine name*.**Explanation**

Cannot enum shares on the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1097E: No drive shares exported by *machine name*.**Explanation**

No drive shares exported by the specified machine.

Administrator Response

Contact IBM customer technical support.

INS1098E: Could not create listener.**Explanation**

Could not create listener.

Administrator Response

Contact IBM customer technical support.

INS1099E: Socket error on accept.**Explanation**

Socket error on accept.

Administrator Response

Contact IBM customer technical support.

INS1100E: Error reading from socket.**Explanation**

Error reading from socket.

Administrator Response

Contact IBM customer technical support.

INS1101E: Improper invocation.**Explanation**

Improper invocation.

Administrator Response

Contact IBM customer technical support.

INS1102E: No computers are selected.**Explanation**

No computers are selected.

Administrator Response

Contact IBM customer technical support.

INS1126L: Agent already installed.**Explanation**

Agent already installed.

INS1127E: Cannot start listener -- aborting.**Explanation**

Cannot start listener -- aborting.

Administrator Response

Contact IBM customer technical support.

INS1131E: *machine name*: invalid Windows directory specification.

Explanation

The specified machine has an invalid Windows directory specification.

Administrator Response

Contact IBM customer technical support.

INS1132E: *machine name*: drive *drive name* is not shared. Shared drives are: *drive list*.

Explanation

The specified drive is not shared on the specified.

Administrator Response

Specify one of the shared drives.

INS1133E: Nothing to install.

Explanation

Nothing to install.

Administrator Response

Contact IBM customer technical support.

INS1134E: Error retrieving probe results.

Explanation

Error retrieving probe results.

Administrator Response

Contact IBM customer technical support.

INS1137I: Waiting for *component* to shut down.

Explanation

Waiting for the specified component to shut down.

INS1138I: Status of computer *machine name* changed to *new status*.

Explanation

Status of the specified computer has been changed to the new status.

INS1139I: Installation completed.

Explanation

Installation completed.

INS1140I: Installation aborted.

Explanation

Installation aborted.

INS1145E: Cannot start subsystem *subsystem* (error *error code*).

Explanation

Cannot start the specified subsystem.

Administrator Response

Contact IBM customer technical support.

INS1146E: Cannot stop subsystem *subsystem* (error *error code*).

Explanation

Cannot stop the specified subsystem.

Administrator Response

Contact IBM customer technical support.

INS1147E: Path to subsystem *subsystem* exceeds 199 bytes: *path*.

Explanation

Path to the specified subsystem exceeds 199 bytes.

Administrator Response

Contact IBM customer technical support.

INS1148E: Parms for subsystem *subsystem* exceed 199 bytes: *parms*.

Explanation

Parameters for the specified subsystem exceed 199 bytes.

Administrator Response

Contact IBM customer technical support.

INS1150E: Port must be a number.

Explanation

Port must be a number.

Administrator Response

Specify the port as a number.

INS1151E: Option expected.

Explanation

Option expected.

Administrator Response

Enter all necessary options.

INS1152E: Illegal option: *option*.

Explanation

The specified option is unknown.

Administrator Response

Correct or remove the option.

INS1153E: No value supplied for option *option*.

Explanation

No value supplied for the specified option.

Administrator Response

Enter a value for the option.

INS1154E: Server host must be supplied.

Explanation

Server host must be supplied.

Administrator Response

Specify the server host.

INS1156I: A common agent is already installed, the directory specified on the command line will be ignored.

Explanation

The Tivoli Common Agent is already installed so Tivoli Storage Productivity Center for Data will be installed under it. The directory specified in the command line will be ignored.

INS1157E: No agent is installed.

Explanation

No agent is installed.

INS1159E: Error *error code* compiling *uncompiled text buffer*.

Explanation

Error compiling the specified text.

Administrator Response

Contact IBM customer technical support.

INS1162E: That license key is for *product one*, not *product two*.

Explanation

That license key is for the wrong product

Administrator Response

Enter the product license keys in their correct positions.

INS1163E: A license must be entered for Tivoli Storage Productivity Center for Data.

Explanation

A license must be entered for Tivoli Storage Productivity Center for Data.

Administrator Response

The IBM Tivoli Storage Productivity Center for Data key must always be entered.

INS1164E: Cannot open LSA handle on *value* -- status = 0x*value*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS1165E: Domain enumeration failed -- status = 0x*status*.

Explanation

Domain enumeration failed.

Administrator Response

Contact IBM customer technical support.

INS1166E: Cannot determine name of own domain.

Explanation

Cannot determine name of own domain.

Administrator Response

Contact IBM customer technical support.

INS1167E: Cannot find controller for the specified domain *domain*.

Explanation

Cannot find controller for the specified domain.

Administrator Response

Contact IBM customer technical support.

INS1168E: Cannot enumerate computers on domain *domain*.

Explanation

Cannot enumerate computers on the specified domain.

Administrator Response

Contact IBM customer technical support.

INS1169I: Finding domains.

Explanation

Finding domains.

INS1170I: Finding computers in domain *domain* .

Explanation

Finding computers in the specified domain.

INS1171I: Eliminating installed computers in domain *domain* .

Explanation

Eliminating installed computers in the specified domain.

INS1173I: NOTICE: No NetBios name for *domain* -- domain unusable!

Explanation

No NetBios name for the specified domain. It is unusable.

INS1174I: Proceeding as if domain controller.**Explanation**

Proceeding as if domain controller.

INS1175E: Unable to determine whether domain controller.**Explanation**

Unable to determine whether domain controller.

Administrator Response

Contact IBM customer technical support.

INS1176E: Error creating account *user name*.**Explanation**

Error creating an account for the specified user.

Administrator Response

Contact IBM customer technical support.

INS1177E: Invalid parameter (*parameter*) creating account *user name*.**Explanation**

Invalid parameter while creating an account for the specified user.

Administrator Response

Contact IBM customer technical support.

INS1178E: Error looking up Administrators local group.**Explanation**

Error looking up Administrators local group.

Administrator Response

Contact IBM customer technical support.

INS1179E: Error looking up local user *user name*.**Explanation**

Error looking up the specified local user.

Administrator Response

Contact IBM customer technical support.

INS1180E: Error adding *user name* to local group *group name*.

Explanation

Error adding the specified user to the specified local group.

Administrator Response

Contact IBM customer technical support.

INS1181E: Cannot open LSA handle -- status = 0x*value*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS1182E: Error 0x*error code* granting privileges to *user name*.

Explanation

An error occurred granting privileges to the specified user.

Administrator Response

Contact IBM customer technical support.

INS1183E: Error deleting user *user name*.

Explanation

Error deleting the specified user.

Administrator Response

Contact IBM customer technical support.

INS1184I: Computer is a domain controller.

Explanation

Computer is a domain controller.

INS1185I: Agent will run under Local System account.

Explanation

Agent will run under Local System account.

INS1195E: Error setting display name of <*service name*> to <*new display name*>.

Explanation

Error setting display name of the specified service.

Administrator Response

Contact IBM customer technical support.

INS1196E: SQL error during *phase*; text = *SQL text*.

Explanation

An SQL error occurred.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

INS1197E: getssys(*service name*) failed --.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS1198E: getssys(*service name*) returned *error code*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS1199E: addssys(*service name*) returned *error code*.

Explanation

addssys() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

INS2000E: Unable to load JDBC driver. Driver: *driver* URL : *url*.

Explanation

Unable to load the specified JDBC driver.

Administrator Response

Contact IBM customer technical support.

INS2001E: Unable to connect to repository database. Driver:
driver **URL :** *url*.

Explanation

Unable to connect to the specified repository database.

Administrator Response

Contact IBM customer technical support.

INS2002E: Unable to instantiate JDBC driver. Driver: *driver*
URL : *url*.

Explanation

Unable to instantiate the specified JDBC driver.

Administrator Response

Contact IBM customer technical support.

INS2003W: Unable to determine local host name.

Explanation

Unable to determine local host name.

INS2009W: Unable to determine default location for repository datafile.

Explanation

Unable to determine default location for repository datafile.

INS2014I: *dbms* dbms selected for repository.

Explanation

The specified dbms was selected for repository.

INS2040E: The host on which the Oracle instance resides is required.

Explanation

The host on which the Oracle instance resides is required.

Administrator Response

Specify the host on which the Oracle instance resides.

INS2041E: The TNS listener port is required.

Explanation

The TNS listener port is required.

Administrator Response

Specify the TNS listener port.

INS2042E: An Oracle instance SID is required.

Explanation

An Oracle instance SID is required.

Administrator Response

Specify an Oracle instance SID.

INS2043E: An user with DBA privileges must be specified.

Explanation

An user with DBA privileges must be specified.

Administrator Response

Specify a user with DBA privileges.

INS2044E: DBA user's password required.

Explanation

DBA user's password required.

Administrator Response

Enter the DBA user's password.

INS2045E: The location of the Oracle JDBC driver is required.

Explanation

The location of the Oracle JDBC driver is required.

Administrator Response

Enter the location of the Oracle JDBC driver.

INS2046I: Testing database connectivity.

Explanation

Testing database connectivity.

INS2047I: Database connectivity OK.

Explanation

Database connectivity OK.

INS2048E: Unrecognized data type. Registry key *name*.

Explanation

Unrecognized data type for the specified registry key.

Administrator Response

Contact IBM customer technical support.

INS2060E: Required value *value* missing or invalid.

Explanation

Required value missing or invalid.

Administrator Response

Contact IBM customer technical support.

INS2061E: The specified user already exists.

Explanation

The specified user already exists.

Administrator Response

Contact IBM customer technical support.

INS2062E: The specified tablespace already exists.

Explanation

The specified tablespace already exists.

Administrator Response

Contact IBM customer technical support.

INS2063E: The specified datafile is already in use.

Explanation

The specified datafile is already in use.

Administrator Response

Contact IBM customer technical support.

INS2064E: The specified database already exists.

Explanation

The specified database already exists.

Administrator Response

Contact IBM customer technical support.

INS2065E: The specified database file is already in use.

Explanation

The specified database file is already in use.

Administrator Response

Contact IBM customer technical support.

INS2066I: Validating repository parameters.

Explanation

Validating repository parameters.

INS2068E: Invalid SQL script *file name*. Header not found.

Explanation

Invalid SQL script. Header not found.

Administrator Response

Contact IBM customer technical support.

INS2069E: Error reading SQL script *file name*.

Explanation

Error reading SQL script.

Administrator Response

Contact IBM customer technical support.

**INS2070E: SQL Error encountered during repository creation.
SQL statement: *statement*.**

Explanation

SQL Error encountered during repository creation.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

INS2071E: Error creating JDBC SQL Statement.

Explanation

Error creating JDBC SQL Statement.

Administrator Response

Contact IBM customer technical support.

INS2074E: An OS User Group must be specified.

Explanation

An OS User Group must be specified.

Administrator Response

Specify an OS User Group.

INS2075E: Unable to write registry to file *file name*.

Explanation

Unable to write registry to the specified file.

Administrator Response

Contact IBM customer technical support.

INS2077E: Invalid or missing instance ID in /etc/Tivoli/TSRM registry.

Explanation

Invalid or missing instance ID in /etc/Tivoli/TSRM registry.

Administrator Response

Contact IBM customer technical support.

INS2078E: Cannot create directory *path A* like named file already exists.

Explanation

Cannot create the specified directory. A like named file already exists.

Administrator Response

Check the file name. If it is not needed, delete it. Otherwise contact IBM customer technical support.

INS2079E: Unable to redirect logging to *file name*.

Explanation

Unable to redirect logging to the specified temporary file.

Administrator Response

Contact IBM customer technical support.

INS2080E: You must be logged on with Administrative privilege to run the Installer.

Explanation

You must be logged on with Administrative privilege to run the Installer.

Administrator Response

Logon as an Administrator.

INS2081E: You must be logged on as root to run the Installer.

Explanation

You must be logged on as root to run the Installer.

Administrator Response

Logon as root.

INS2082E: OpenProcessToken() failed.

Explanation

OpenProcessToken() failed.

Administrator Response

Contact IBM customer technical support.

INS2084E: Unable to create startup script: *file name*.

Explanation

Unable to create startup the specified script.

Administrator Response

Contact IBM customer technical support.

INS2085E: Unable to set access permissions for file *file name*.

Explanation

Unable to set access permissions for the specified file.

Administrator Response

Contact IBM customer technical support.

INS2086E: Error searching for ZIP files in directory *path*.

Explanation

Error searching for ZIP files in the specified directory.

Administrator Response

Contact IBM customer technical support.

INS2087E: Startup script *command* failed.

Explanation

Startup script failed.

Administrator Response

Contact IBM customer technical support.

INS2088E: Unable to execute startup script *command*.

Explanation

Unable to execute the specified startup script.

Administrator Response

Contact IBM customer technical support.

INS2089I: *name* startup scripts created.

Explanation

The specified startup scripts have been created.

INS2090I: Dbms user and tablespace parameters validated.

Explanation

Dbms user and tablespace parameters validated.

INS2091I: Tivoli Storage Productivity Center for Data registry updated.

Explanation

Tivoli Storage Productivity Center for Data registry updated.

INS2092I: *file name* config file created.

Explanation

The specified configuration file has been created.

INS2102I: The uninstall has successfully completed.

Explanation

The uninstall has successfully completed.

INS2103E: The uninstall has completed with errors.

Explanation

The uninstall has completed with errors.

Administrator Response

Contact IBM customer technical support.

INS2108E: SQL Error encountered during repository uninstall SQL statement: *error text*.

Explanation

SQL Error encountered during repository uninstall SQL statement.

Administrator Response

INS2114E: Error transmitting uninstall agent request to server.

Explanation

Error transmitting uninstall agent request to server.

Administrator Response

Contact IBM customer technical support.

INS2115I: Dropping database/tablespace *database/tablespace name*.

Explanation

Dropping the specified database/tablespace.

INS2116I: Dropping user *user name*.

Explanation

Dropping the specified user.

INS2117I: Tivoli Storage Productivity Center for Data repository successfully dropped.

Explanation

Tivoli Storage Productivity Center for Data repository successfully dropped.

INS2125E: A Sybase server is required.

Explanation

A Sybase server is required.

Administrator Response

Enter a Sybase server.

INS2126E: A Sybase host is required.

Explanation

A Sybase host is required.

Administrator Response

Enter a Sybase host.

INS2127E: A Sybase port is required.

Explanation

A Sybase port is required.

Administrator Response

Enter a Sybase port.

INS2128E: A Sybase DBA user id is required.

Explanation

A Sybase DBA user id is required.

Administrator Response

Enter a Sybase DBA user id.

INS2129E: A JDBC driver path is required.

Explanation

A JDBC driver path is required.

Administrator Response

Enter a JDBC driver path.

INS2143I: Searching for available Sybase servers.

Explanation

Searching for available Sybase servers.

INS2146E: You must select a device.

Explanation

You must select a device.

Administrator Response

Select a device.

INS2147E: The size must be less than or equal to the unused size of the device.

Explanation

The size must be less than or equal to the unused size of the device.

Administrator Response

Contact IBM customer technical support.

INS2149E: You must specify at least one device to hold the data for the repository.

Explanation

You must specify at least one device to hold the data for the repository.

Administrator Response

Contact IBM customer technical support.

INS2201E: The specified schema already exists.

Explanation

The specified schema already exists.

Administrator Response

Contact IBM customer technical support.

INS2202I: Open Database directory scan failed. SQLCODE: *SQL code*.

Explanation

Open Database directory scan failed with the specified SQLCODE.

INS2212E: A UDB database is required.

Explanation

A UDB database is required.

Administrator Response

Contact IBM customer technical support.

INS2213E: A UDB DBADM user id is required.

Explanation

A UDB DBADM user id is required.

Administrator Response

Enter a UDB DBADM user id.

INS2215I: Searching for available UDB databases.

Explanation

Searching for available UDB databases.

INS2216L: Container Directory.**Explanation**

Container Directory.

INS2217L: Container File.**Explanation**

Container File.

INS2220I: SQL Error Message: *error text*.**Explanation**

An SQL error has occurred.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

INS2221L: IBM Tivoli Storage Productivity Center for Data schema.**Explanation**

IBM Tivoli Storage Productivity Center for Data schema is as specified.

INS2224I: Granting privileges on repository tables.**Explanation**

Granting privileges on repository tables.

INS2225I: Dropping repository tables.**Explanation**

Dropping repository tables.

INS2227I: UDB Version is *version*.**Explanation**

The UDB Version is as specified.

INS2228W: Unable to determine UDB version. Assuming 7.2.**Explanation**

Unable to determine UDB version. Assuming 7.2.

INS2229E: This version of UDB is not supported for the repository.**Explanation**

This version of UDB is not supported for the repository.

Administrator Response

Contact IBM customer technical support.

INS2302I: Shutting down Cloudscape.

Explanation

Shutting down Cloudscape.

INS2303I: Cloudscape successfully shutdown.

Explanation

Cloudscape successfully shutdown.

INS2304E: Unable to shutdown Cloudscape.

Explanation

Unable to shutdown Cloudscape.

Administrator Response

Contact IBM customer technical support.

INS3005T: Installation Completed Successfully.

Explanation

Installation Completed Successfully.

INS3019E: Unable to read License Agreement files Please contact IBM technical support.

Explanation

Unable to read License Agreement files.

Administrator Response

Contact IBM customer technical support.

INS3020E: The MS SQL port is required.

Explanation

The MS SQL port is required.

Administrator Response

Contact IBM customer technical support.

INS3021E: The specified JDBC Driver is not supported for MS SQL, the following is the list of valid drivers Sprinta2000.jar mssqlserver.jar msbase.jar msutil.jar sqlserver.jar base.jar util.jar.

Explanation

The specified JDBC Driver is not supported for MS SQL, the following is the list of valid drivers Sprinta2000.jar mssqlserver.jar msbase.jar msutil.jar sqlserver.jar base.jar util.jar.

Administrator Response

Contact IBM customer technical support.

INS3023I: Starting GUID Check.

Explanation

Starting GUID Check.

INS3024I: GUID Check performed.

Explanation

GUID Check performed.

INS3025I: GUID not supported on this platform.

Explanation

GUID not supported on this platform.

INS3026E: GUID checked failed!

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS3028I: Updating PKGINFO for agent.

Explanation

Updating PKGINFO for agent.

INS3029I: PKGINFO for agent updated.

Explanation

PKGINFO for agent updated.

INS3030I: Update PKGINFO for agent not supported on this platform.

Explanation

Update PKGINFO for agent not supported on this platform.

INS3031E: Update PKGINFO for agent failed!

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS3032I: Removing PKGINFO for agent.

Explanation

Removing PKGINFO for agent.

INS3033I: PKGINFO for agent removed.

Explanation

PKGINFO for agent removed.

INS3034I: Remove PKGINFO for agent not supported on this platform.

Explanation

Remove PKGINFO for agent not supported on this platform.

INS3035E: Remove PKGINFO for agent failed!

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

INS5000E: An installation was detected (either remove and retry or perform maintenance)

Explanation

Silent Server Installer detected installed version of the product.

Administrator Response

Remove and reinstall or perform maintenance.

INS5001E: No install properties file was specified

Explanation

Silent Server Installer can not find properties file.

Administrator Response

Create and specify location of properties file for Silent Server Installer.

INS5002E: Error occurred while reading install properties file

Explanation

Error occurred while reading install properties file.

Administrator Response

Verify format of properties file.

INS5010E: Failed to connect to database

Explanation

Failed to connect to database.

Administrator Response

Verify database login information.

INS5241E: Unrecoverable Error: Unable to register with the Agent Manager on host *Agent Manager host* and port *Agent Manager port*. You entered *Resource Manager Registration username* as the Resource Manager Registration username. Check that the Resource Manager Registration username and password are correct. Also check the connectivity to the Agent Manager.

Explanation

Failed to register the Resource Manager with the Agent Manager. The Resource Manager registration username or password could be incorrect or the Agent Manager machine cannot be contacted.

Administrator Response

Check that the Agent Manager is started and there is connectivity to the machine. Also verify that the Agent Manager username and password is correct. Re-install IBM Tivoli Storage Productivity Center for Data.

INS5259E: *method name*: Install failed on computer *computer*.

Explanation

The remote installer did not run. This could be because the installer tried to install the subagent to a Common Agent that it thought was installed and running, but is

either uninstalled or not running. Please try a local install.

Administrator Response

Contact IBM customer technical support.

INS6026I: Upgrading Common Agent

Explanation

The Common Agent is being upgraded.

INS6027I: Common Agent upgraded successfully.

Explanation

The existing Common Agent was upgraded.

INS6028E: Common Agent upgrade failed.

Explanation

The upgrade of the Common Agent failed.

Administrator Response

Contact IBM customer technical support.

INS6029E: Unable to determine the version of the Common Agent installer.

Explanation

The version of the Common Agent installer that is bundled in the Data install image could not be read.

Administrator Response

Contact IBM customer technical support.

INS6030L: INS6030L=Upgrading Common Agent

Explanation

The existing Common Agent is being upgraded.

INS6031I: Common Agent is at version {0}. No upgrade required.

Explanation

The existing Common Agent is at the same version as the Common Agent installer bundled in the Data installer.

INS6032W: The Common Agent at version {0} will not be upgraded. IBM Tivoli Storage Productivity Center for Data will only upgrade the Common Agent when the install is performed on the local machine.

Explanation

The existing Common Agent is at the current version shipped with IBM Tivoli Storage Productivity Center.

INS8120W: Remote host is running in a non-global application container.

Explanation

You have connected to a machine with non-global zone id of 0.

Administrator Response

Contact your System Administrator for more information.

INS8121W: Error occurred running "zoneadm" command. Error: {0}.

Explanation

Error occurred running zoneadm or zoneadm was not in the path

Administrator Response

Check that zoneadm is in your path. If zoneadm is corrupted please contact your System Administrator

INS8136W: Unable to parse DB2 parameter {0} as a numeric value. It will be set to {1}.

Explanation

IBM Tivoli Storage Productivity Center has minimum requirements for some DB2 configuration parameters. On an upgrade, the current DB2 configuration parameters are read and set to the minimum required value if the current value is less than the minimum required value. The DB2 parameter specified could not be read as a numeric value, so it will be set to the specified minimum required value.

JSS

JSS0001I: Scheduler service provider started.

Explanation

Scheduler service provider started.

JSS0002E: Scheduler service provider initialization has failed.

Explanation

Scheduler service provider initialization has failed.

JSS0003I: Scheduler service provider initialization successful.

Explanation

Scheduler service provider initialization successful.

JSS0004I: Scheduler service provider shutting down.

Explanation

Scheduler service provider shutting down.

JSS0005I: Scheduler service provider shutdown complete.

Explanation

Scheduler service provider shutdown complete.

JSS0006E: Unable to connect to repository database in *class name.method name*.

Explanation

Unable to connect to repository database in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0007E: SQL error preparing *statement type statement for table table name in class name.method name*.

Explanation

SQL error preparing the specified statement for the specified table in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0008E: SQL error inserting into table *table name in class name.method name*.

Explanation

SQL error inserting into the specified table in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0009E: SQL error updating table *table name* in class *name.method name*.

Explanation

SQL error updating the specified table in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0010E: SQL error querying table *table name* in class *name.method name*.

Explanation

SQL error querying the specified table in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0011E: the job for computer *computer name* in run *run number* of *job type* *job creator.job name* could not be submitted due to a log table insert error.

Explanation

The specified job could not be submitted due to a log table insert error.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0012E: the job for computer *computer name* in run *run number* of *job type* *job creator.job name* could not be submitted - the delay limit was exceeded.

Explanation

The specified job could not be submitted - the delay limit was exceeded.

Administrator Response

Rerun the job.

JSS0013E: the job for computer *computer name* in run *run number of job type job creator.job name* could not be submitted due to transmit error.

Explanation

The specified job could not be submitted due to transmit error.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support. Also examine the exit code.

JSS0014E: run *run number of job type job creator.job name* could not be started due to SQL update or insert error.

Explanation

The specified job run could not be started due to SQL update or insert error.

Administrator Response

Rerun the job.

JSS0015E: The log row for run *run number of job type job creator.job name* could not be updated due to an SQL error. The run *failed/was successful/completed with warnings*.

Explanation

The log row for the specified job run could not be updated due to an SQL error.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support. Also examine the exit code. If the run failed rerun the job.

JSS0018E: The log row for the job for computer *computer name* in run *run number of job type job creator.job name* could not be updated due to an SQL error. The job completed with an exit code of *exit code*.

Explanation

The log row for the specified job run could not be updated due to an SQL error.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support. Also examine the exit code. If greater than four rerun the job.

JSS0019E: SQL error preparing statement in *class name.method name*.

Explanation

SQL error preparing statement in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0020E: Unable to find creator and name for schedule *schedule ID*.

Explanation

Restart logic has failed for the above job.

Administrator Response

Contact IBM customer technical support.

**JSS0021E: Unable to process returned job number *job number*
The job completed with an exit code of *exit code*.**

Explanation

This may or may not be an error.

Administrator Response

Examine the exit code. If greater than four rerun the job.

JSS0022E: Unknown request type passed to completed job handler.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

JSS0023E: SQL error querying identifier table in *class name.method name*.

Explanation

An SQL error occurred while querying the identifier table in the specified Java program and routine.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0026E: Unable to schedule *job type job creator.job name* because fetch for computer list failed.

Explanation

Unable to schedule the specified job because fetch for computer list failed.

Administrator Response

Contact IBM customer technical support.

JSS0027E: The obsolete log row for *job type job creator.job name* could not be deleted due to an SQL error.

Explanation

The obsolete log row for could not be deleted due to an SQL error.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0046E: the job for computer *computer name* in run *run number of job type job creator.job name* could not be started due to an agent error.

Explanation

The specified job could not be run due to an agent error.

Administrator Response

Examine the server log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0062W: The value for the config file keyword *keyword* must be a number between *number* and *number*. The default (*value*) will be used.

Explanation

The value for the specified keyword is out of range. The specified default will be used.

Administrator Response

Change the value if the default is not desired.

JSS0063E: Unable to connect to repository database while attempting to delete job log rows from *t_run_jobs*.

Explanation

Unable to connect to repository database while attempting to delete job log rows from *t_run_jobs*.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0064E: SQL error deleting job log rows from t_run_jobs.

Explanation

SQL error deleting job log rows from t_run_jobs.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

JSS0066E: Unable to issue alert for *job type job creator.job name* because of following error.

Explanation

Unable to issue alert for the specified because of the following error.

Administrator Response

Examine the associated error text and determine what caused the error. If you cannot determine the cause of the error, contact IBM customer technical support.

JSS0071E: Unable to instantiate class *class name*.

Explanation

Unable to instantiate the specified Java program.

Administrator Response

Contact IBM customer technical support.

JSS0073E: the script for computer *computer name* in run *run number* of *job type job creator.job name* could not be submitted due to an error opening script file.

Explanation

The script for the specified job could not be submitted due to an error opening script file.

Administrator Response

Contact IBM customer technical support.

JSS0074E: The Scheduler service repository connection has failed and it is in auto-restart mode. It will restart automatically when the repository becomes available.

Explanation

The Scheduler service repository connection has failed and it is in auto-restart mode. It will restart automatically when the repository becomes available.

JSS0075W: The repository connection has been lost. The Scheduler service is terminating and will automatically restart when the repository again becomes available.

Explanation

The repository connection has been lost. The Scheduler service is terminating and will automatically restart when the repository again becomes available.

JSS0076L: The Scheduler service is automatically restarting after recovering its repository connection.

Explanation

The Scheduler service is automatically restarting after recovering its repository connection.

KEY

KEY5000E: For Add Customer a new company name must be entered.

Explanation

For Add Customer a new company name must be entered.

Administrator Response

Contact IBM customer technical support.

KEY5001E: For Update Customer a company must be selected.

Explanation

For Update Customer a company must be selected.

Administrator Response

Contact IBM customer technical support.

KEY5002E: Duplicate company name - use Update Customer or add suffix to name.

Explanation

Duplicate company name - use Update Customer or add suffix to name.

Administrator Response

Contact IBM customer technical support.

NAA

NAA0001W: Cannot obtain free space for *file name*.

Explanation

Cannot obtain free space for the specified file.

NAA0003W: File server *server name* did not return request *name*.

Explanation

The file server did not return the specified request

NAA0008W: File server *server name*: sysObjectID is *id*, not OID.

Explanation

The file server name, sysObjectID, is the specified name, not OID.

NAA0009W: File server *server name*: sysObjectID not under enterprises.

Explanation

File server name: sysObjectID not under enterprises.

NAA0011I: File server *server* has multiple network-names: *name one* and *name two*.

Explanation

The specified file server has more than one name.

NAA0012E: NWCallsInit() returned *error code*.

Explanation

NWCallsInit() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0013E: NWDSCreateContextHandle() returned *error code*.

Explanation

NWDSCreateContextHandle() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0014E: NWCCGetPrimConnRef() returned *error code*.

Explanation

NWCCGetPrimConnRef() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0015E: NWCCOpenConnByRef() returned *error code*.

Explanation

NWCCOpenConnByRef() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0016E: Error *error code* counting available trees.

Explanation

Received the specified error code while counting available trees.

Administrator Response

Contact IBM customer technical support.

NAA0017E: Error *error code* retrieving available trees.

Explanation

Received the specified error code while retrieving available trees.

Administrator Response

Contact IBM customer technical support.

NAA0018E: Error *error code* logging in to tree *tree name* as *login*.

Explanation

Error logging in to the specified tree as the specified user.

Administrator Response

Contact IBM customer technical support.

NAA0019E: NWDSAllocBuf() returned *error code*.

Explanation

NWDSAllocBuf() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0020E: NWDSList(*path*) returned *error code*.

Explanation

NWDSList() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0021W: NWDSGetObjectName() returned *error code* -- context = *<path>*.

Explanation

NWDSGetObjectName() returned the specified error code.

NAA0022W: Cannot understand name: *object name* context = *<path>*.

Explanation

Cannot understand name the specified object name. It will be ignored.

NAA0023E: NAS functionality implemented only on Windows.

Explanation

NAS functionality implemented only on Windows.

Administrator Response

Run the job on a Windows agent.

NAA0025E: Too many errors creating datagram socket.

Explanation

Too many errors creating datagram socket.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0025W: Error creating datagram socket.**Explanation**

Error creating datagram socket.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0026E: No trees available.**Explanation**

No trees available.

Administrator Response

Contact IBM customer technical support.

NAA0027I: No login provided for tree *tree*.**Explanation**

No login was provided for the specified tree.

NAA0028W: No servers found in tree *tree*.**Explanation**

No servers found in the specified tree.

NAA0029E: No servers found in any tree.**Explanation**

No servers found in any tree.

Administrator Response

Contact IBM customer technical support.

NAA0030W: Error *error code* connecting to server *server*.**Explanation**

Received the specified error code while connecting to the specified server.

NAA0031W: Error *error code* authenticating to server *server*.**Explanation**

Received the specified error code while authenticating to the specified server.

NAA0032W: Error *error code* retrieving CPU information.**Explanation**

Received the specified error code while retrieving CPU information.

NAA0033I: Above error(s) occurred on server *server*.

Explanation

The proceeding errors occurred on the specified server.

NAA0034W: Error *error code* retrieving NetWare version information.

Explanation

Received the specified error code while retrieving NetWare version information.

NAA0035W: NWScanMountedVolumeList() returned *error code*.

Explanation

NWScanMountedVolumeList() returned the specified error code.

NAA0036W: NWGetExtendedVolumeInfo(*volume name*) returned *error code*.

Explanation

NWGetExtendedVolumeInfo() returned the specified error code.

NAA0037W: NWGetMediaMgrObjList() returned *error code*.

Explanation

NWGetMediaMgrObjList() returned the specified error code.

NAA0038W: NWGetMediaMgrObjInfo() returned *error code*.

Explanation

NWGetMediaMgrObjInfo() returned the specified error code.

NAA0039I: Import could not be parsed: *import*.

Explanation

The specified import could not be parsed.

NAA0040W: *path* not found.

Explanation

The specified path was not found.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0041E: Local login failed -- *valuedomain nameuser name*.

Explanation

Local login failed with the specified domain and user.

Administrator Response

Contact IBM customer technical support.

NAA0042E: Impersonation failed -- *value* domain name *user name*.

Explanation

Impersonation failed with the specified domain and user.

Administrator Response

Contact IBM customer technical support.

NAA0043E: Close-token failed -- *domain name* *user name*.

Explanation

Close-token failed with the specified domain and user.

Administrator Response

Contact IBM customer technical support.

NAA0044E: Error logging in to tree *tree name* as *user name*.

Explanation

Error logging in to tree as the specified user.

Administrator Response

Contact IBM customer technical support.

NAA0046E: NetWare discovery failed.

Explanation

NetWare discovery failed.

NAA0047W: NWGetNSLoadedList() returned *error code*.

Explanation

NWGetNSLoadedList() returned the specified error code.

NAA0048W: NWGetVolumeNumber(*path*) returned *error code*.

Explanation

NWGetVolumeNumber returned the specified error code.

NAA0049E: NWAllocTempNSDirHandle returned *error code* Dir = *path*.

Explanation

NWAllocTempNSDirHandle returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0050E: NWScanEntryInfo2() returned *error code*.

Explanation

NWScanEntryInfo2() returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0051E: NWGetNSEntryInfo(*path*) returned *error code*.

Explanation

NWGetNSEntryInfo returned the specified error code.

Administrator Response

Contact IBM customer technical support.

NAA0052E: The agent was unable to load the NetWare client.

Explanation

The agent was unable to load the NetWare client.

Administrator Response

Contact IBM customer technical support.

NAA0053W: NWDSMapIDToName(*uid*) returned *error code*.

Explanation

NWDSMapIDToName returned the specified error code.

NAA0054W: NWDSInitBuf() returned *error code*.

Explanation

NWDSInitBuf() returned the specified error code.

NAA0055W: NWDSPutAttrName() returned *error code*.

Explanation

NWDSPutAttrName() returned the specified error code.

NAA0057W: NWDSComputeAttrValSize(*user name*, *attribute name*) returned *error code*.

Explanation

NWDSComputeAttrValSize returned the specified error code.

NAA0058W: NWDSGetAttrVal(*user name*, *attribute name*) returned *error code*.

Explanation

NWDSGetAttrVal returned the specified error code.

NAA0059W: NWDSRead(*user name*) returned *error code*.

Explanation

NWDSRead returned the specified error code.

NAA0061E: NWDSVerifyObjectPassword(*login:name*) returned *error text*.

Explanation

NWDSVerifyObjectPassword returned the following error text.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0062E: Login failed -- tree = *tree*, login = *login*.

Explanation

Login to the specified tree failed using the specified login.

Administrator Response

Contact IBM customer technical support.

NAA0063E: Connection failed -- Login to filer *filer* failed (*username* = *username*).

Explanation

Login to the specified filer failed using the specified username.

Administrator Response

Verify the domain user login information provided for the filer is valid. If unable to determine the cause of the error contact IBM customer technical support.

NAA0064E: Connection failed -- Invalid parameter *parameter* logging in to filer *filer*.

Explanation

Invalid parameter logging into the specified filer.

Administrator Response

Verify both the agent host and filer can communicate to the domain controller. Log on to the agent host as domain administrator, verify it can access the filer and can

read and write to its exported shares. Log on to the filer, verify it can communicate to the domain controller. One possible cause of error is due to system time not synchronized between the filer and domain controller. If unable to determine the cause of the error contact IBM customer technical support.

NAA0065W: No login provided for server *server*.

Explanation

No login provided for server.

NAA0066W: NetApp path for *export name* not understood: *path*.

Explanation

NetApp path for the specified export name is not understood.

NAA0067W: Filer *filer name* : **volser *volser* : root not exported.**

Explanation

Root is not exported for the specified filer.

NAA0068E: *LDAP user:name* -- invalid state (*state*).

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0069E: * INTERNAL ERROR *** Wrong login at head
LDAP user:name.**

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0070E: * INTERNAL ERROR *** Tree not logged in *LDAP user:name*.**

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0071E: * INTERNAL ERROR *** Head is null *LDAP user.name*.**

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0072I: Filer *filer name* will be probed.

Explanation

The specified filer will be probed.

NAA0073I: Filer *filer name* .

Explanation

This message will be followed by the mount points for the specified filer.

NAA0074I: ' ' *mount point*.

Explanation

This message gives the mount points for message NAA0073I.

NAA0075E: SNMP unknown host error: Unable to contact *filer name*. Please verify that the Network Name entered is correct.

Explanation

The specified NAS server cannot be contacted, possibly due to invalid network name entered for this NAS.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0077E: Filer *filer name* has wrong vendor (*vendor*).

Explanation

The specified filer has an incorrect vendor value.

Administrator Response

Contact IBM customer technical support.

NAA0078E: SNMP operation error: Unable to contact *filer name*. Verify that the SNMP Community entered is correct.

Explanation

The specified NAS server cannot be contacted, possibly due to invalid community entered for this NAS.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0079E: Filer *filer name* .

Explanation

This message gives error text for the specified filer.

Administrator Response

Examine the associated error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0080E: Varbind is null.

Explanation

Varbind is null.

Administrator Response

Contact IBM customer technical support.

NAA0081I: OID = *oid*.

Explanation

This message gives the OID of the filer being processed.

NAA0082E: GET NEXT: name not OID.

Explanation

GET NEXT: name not OID.

Administrator Response

Contact IBM customer technical support.

NAA0083E: Unexpected disk OID.

Explanation

Unexpected disk OID.

Administrator Response

Contact IBM customer technical support.

NAA0084E: Non-numeric value (type = *type*).

Explanation

A numeric value is expected.

Administrator Response

Contact IBM customer technical support.

NAA0085W: Filer *filer* : Asn1Value is null.

Explanation

The specified filer has a null Asn1Value.

NAA0086W: Filer *filer* : Non-string value (type = *type*).

Explanation

An internal error has occurred.

NAA0087E: Unexpected filesystem OID.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0088E: Non-string value (type = *type*).

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0089E: *filesystem* : Too many filesystems (total: *number of filesystems*).

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAA0090E: Filesystem *filesystem name* (volume number) not found in volume table.

Explanation

The specified filesystem was not found in volume table.

Administrator Response

Contact IBM customer technical support.

NAA0091W: Unexpected spare disk OID.

Explanation

Unexpected spare disk OID.

NAA0092W: *filer name* : No export found for filesystem *mount point*.

Explanation

No export was found for the specified filesystem.

Administrator Response

Verify the exported share has a map drive on agent host assigned to probe and scan the filer.

NAA0093E: Cannot resolve account *domain and user* (1).

Explanation

Cannot login with the specified user.

Administrator Response

Contact IBM customer technical support.

NAA0094E: Cannot resolve account *domain and user* (2).

Explanation

Cannot login with the specified user.

Administrator Response

Contact IBM customer technical support.

NAA0095E: Cannot open LSA handle -- status = 0x*status*.

Explanation

Cannot open LSA handle - the specified status was returned.

Administrator Response

Contact IBM customer technical support.

NAA0096E: Cannot grant batch to *domainuser*.

Explanation

Cannot login with the specified user.

Administrator Response

Contact IBM customer technical support.

NAA0097W: Filer *filer name* -- error for SNMP community *community name*.

Explanation

The specified filer cannot be contacted and cannot be processed.

NAA0098W: Could not resolve UID/SID *ID*.

Explanation

Could not resolve the specified UID/SID.

NAA0099E: Unexpected volume number (*volume number*).

Explanation

An unexpected volume number was found.

Administrator Response

Contact IBM customer technical support.

NAA0100E: Unexpected quota OID.

Explanation

An unexpected quota OID was found.

Administrator Response

Contact IBM customer technical support.

NAA0101E: Neither of these hosts were found: *filer name* *filer network name*.

Explanation

The specified filer cannot be contacted and cannot be processed.

NAA0102W: Filer *filer* : Unexpected quota-type (*quota type*).

Explanation

The specified filer has an unexpected quota type and cannot be processed.

NAA0103W: Filer *filer* : QTree quota has no qtree OID = *ID*.

Explanation

The specified filer has no qtree and cannot be processed.

NAA0104W: Filer *filer* : Unknown ID representation: *ID*.
Explanation

The specified filer has an invalid ID and cannot be processed.

NAA0105E: Filer *filer* : Invalid ID: *ID*.
Explanation

The specified filer has an invalid ID and cannot be processed.

NAA0106I: Trying to determine whether multiple specified.
Explanation

Trying to determine whether multiple specified.

NAA0107W: Filer *filer* : No peer agent available; some IDs will not be resolved.
Explanation

No peer agent is available for the specified filer; some IDs will not be resolved.

NAA0108E: Begin tree enumeration returned *return code*.
Explanation

Begin tree enumeration failed with the specified return code.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0109E: Enumerate tree returned *return code*.
Explanation

An error occurred while processing the list of filers.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0110I: Walking tree *tree name*.
Explanation

Processing list of filers.

NAA0111W: Error reading *map file name* (name service = *service*).
Explanation

An I/O error occurred while reading the specified file.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAA0112I: Automount map *map file name* : **map for local path**
local path looks fishy: resource.

Explanation

The map for the specified local path cannot be processed.

NAA0113W: Automount map *map file name* : **mount point for**
local path *local path looks fishy: resource.*

Explanation

The mount point for the specified local path cannot be processed.

NAA0114E: Error initializing SNMP API.

Explanation

Error initializing SNMP API.

Administrator Response

Contact IBM customer technical support.

NAA0115E: error text.

Explanation

This describes the error for message NAA0078E.

Administrator Response

Follow the administrator response for message NAA0078E.

NAA0200E: Error obtaining network address of specified
server *server name*

Explanation

The network name entered could not be resolved using the DNS servers available to the chosen agent

Administrator Response

Check the name that was entered and make sure the DNS servers are configured correctly on the chosen agent

NAA0201E: Could not log into specified NAS/Netware server.

Explanation

The user ID and password you entered failed a login at the specified NAS/Netware server

Administrator Response

Check the user ID and password for accuracy and the availability of the server

NAA0202E: Could not determine the domain of the specified NAS/Netware server.

Explanation

The system call to determine the domain of the entered NAS server failed.

Administrator Response

Make sure the NAS server is properly configured in a domain.

NAA0203E: Could not determine the domain of the specified NAS/Netware server: *server name*

Explanation

The system call to determine the domain of the entered NAS server failed.

Administrator Response

Make sure the NAS server is properly configured in a domain.

NAA0204E: Netware server *server name* was not found in NDS tree *NDS tree name*. Examples of a server names found in the tree include: *server name*

Explanation

The Netware server name entered is not a member of the selected NDS tree.

Administrator Response

The Netware server name entered is not a member of the selected NDS tree.
Examples of servers in the selected tree are listed in the message.

NAA0205E: NAS Server *server name* was not found as a referenced computer in the mnttab of computer *computer name*. Examples of server names found include: *server name*

Explanation

The NAS server entered was not found in the mnttab of the selected Tivoli Storage Productivity Center for Data agent.

Administrator Response

Examples of the NAS servers found in the mnttab of the selected agent are listed in the message.

NAG0008E: Please enter a user with administrative privileges for the tree.**Explanation**

A user has not been entered.

Administrator Response

Enter a user with administrative privileges for the tree.

NAG0009E: The user password is required.**Explanation**

The user password is required.

Administrator Response

Enter a valid password.

NAG0030E: Please enter a user with administrative privileges on the filer.**Explanation**

A user has not been entered.

Administrator Response

Enter a user with administrative privileges on the filer.

NAG0108E: The Server Name is required.**Explanation**

A server name is required to manually register a NAS/Netware server.

Administrator Response

A server name is required to manually register a NAS/Netware server.

NAG0109E: You must select a visible agent.**Explanation**

A Tivoli Storage Productivity Center for Data agent that has access to the NAS computer must be selected.

Administrator Response

A Tivoli Storage Productivity Center for Data agent that has access to the NAS computer must be selected.

NAG0114W: No NDS Trees have been discovered.**Explanation**

No Netware NDS Trees have been found on computers with installed Tivoli Storage Productivity Center for Data agents.

Administrator Response

You must install a Tivoli Storage Productivity Center for Data agent on a computer with the Netware client installed and configured.

NAG0117E: There are no Data Manager UNIX agents to select from.**Explanation**

You have selected UNIX computers, but there are no UNIX computers with Tivoli Storage Productivity Center for Data agents installed.

Administrator Response

Install a Tivoli Storage Productivity Center for Data agent on a UNIX computer, or select a Windows computer.

NAG0118E: There are no Data Manager Windows agents to select from.**Explanation**

You have selected Windows computers, but there are no windows computers with Tivoli Storage Productivity Center for Data agents installed.

Administrator Response

Install a Tivoli Storage Productivity Center for Data agent on a windows computers, or select a UNIX computer.

NAG0119E: No NDS trees have been located in your installation or they have not yet been assigned a login and password.**Explanation**

No NDS trees have been assigned user IDs or passwords.

Administrator Response

You must go to Netware Tree Logins screen under Configuration to enter a user ID and password for any discovered NDS trees.

NAS0003E: Unable to contact the agent on host *host address*.**Explanation**

Unable to contact the specified agent.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAS0004E: NetApp quotas: Error gathering list of agents.**Explanation**

NetApp quotas: Error gathering list of agents.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAS0005I: No filers.**Explanation**

No filers need to be processed.

NAS0006W: No agents available to retrieve quotas from *filer*.**Explanation**

No agents were found that can be used to process the specified filer.

NAS0008I: Gathering quotas through agent *host address*.**Explanation**

The quotas will be processed by the specified agent.

NAS0009E: No agents available.**Explanation**

No agents were found that can be used to process the current filer.

Administrator Response

Contact IBM customer technical support.

NAS0010E: Bad requestData.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAS0011E: Not all agents reported back within allotted time.

Explanation

Not all agents reported back within allotted time.

Administrator Response

Contact IBM customer technical support.

NAS0012W: Filer *filer* : No quotas retrieved.

Explanation

No quotas were retrieved from the specified filer.

NAS0013E: DB error saving/checking quotas.

Explanation

An SQL error saving/checking quotas.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

NAS0014E: * INTERNAL ERROR ***.**

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAS0015I: Filer *filer* : Quota defined for volume *volume* but we have no record of that volume.

Explanation

The specified volume will be ignored.

NAS0016W: Quota *quota creator.quota name* has no consumers.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

NAS0017E: DB error saving/checking quotas (filer = *filer*).

Explanation

DB error saving/checking quotas for the specified filer.

Administrator Response

Follow the administrator response associated with the associated error messages.

NAS0018I: NetApp Quota job completed successfully.

Explanation

NetApp Quota job completed successfully.

NAS0019I: NetApp Quota job completed with WARNINGS.

Explanation

NetApp Quota job completed with WARNINGS.

NAS0020I: NetApp Quota job completed with ERRORS.

Explanation

The NetApp Quota job completed with ERRORS.

Administrator Response

Follow the administrator response associated with the associated error messages.

NAS0021I: Processed quotas for filer *filer*.

Explanation

Processed quotas for filer.

NAS0022E: NetApp Quota is still associated with a schedule, unable to delete.

Explanation

NetApp Quota is still associated with a schedule, unable to delete.

Administrator Response

Follow the administrator response associated with the associated error messages.

NAS0023E: NAS server *server name* is already manually registered to a windows domain.

Explanation

The listed server has already been registered from a windows domain.

Administrator Response

Each NAS filer can only be registered from one windows computer or domain.

NAS0024E: Netware server *server name* is already manually registered.

Explanation

The listed Netware server has already been manually registered.

Administrator Response

Each Netware server can only be manually registered once.

NAS0025E: An agent is already installed on *server name*. It cannot be manually entered.

Explanation

A Tivoli Storage Productivity Center for Data agent is already running on the entered NAS server.

Administrator Response

A NAS server cannot be manually registered if a Tivoli Storage Productivity Center for Data agent is already running on it.

PBCUA

PBCUA1002E: IBM Tivoli Storage Productivity Center database server credentials are not valid for server *Database_Server_IP*.

Explanation

Could not connect to IBM Tivoli Storage Productivity Center database server.

Administrator Response

Verify that the IBM Tivoli Storage Productivity Center database server is up and listening on the correct port, and that the provided username and password are still valid.

PBCUA1003E: IBM Tivoli Storage Productivity Center database credentials for server *Display_Name* cannot be found. The server was not removed.

Explanation

While attempting to remove the IBM Tivoli Storage Productivity Center server from the list of monitored servers, the system could not find a match.

Administrator Response

Ensure that the server you are trying to remove is actually being monitored. This can be accomplished by using the `-config list` command.

PBCUA1005E: The IBM Tivoli Storage Productivity Center server *Server_Display_Name* was not added. The server was not added because it is already being monitored.

Explanation

The server was not added because it is already being monitored.

Administrator Response

Ensure that the server you are trying to add is not already being monitored. Use the `-config list` command to list the servers that are being monitored. Be sure that the server name is spelled correctly.

PBCUA1006E: The input provided for the new IBM Tivoli Storage Productivity Center server is not valid. None of the fields should be left blank.

Explanation

No additional information.

Administrator Response

Review the command syntax for the command you specified and run the command again. Also be sure that values with spaces are enclosed in quotation marks.

PBCUA1007E: The remote IBM Tivoli Storage Productivity Center server installation is not supported by this IBM Tivoli Storage Productivity Center Universal Agent. Remote version: *Remote_Server_Version*, Local supported versions: *Versions_supported_by_the_Universal_Agent*.

Explanation

The Universal Agent tries to connect to all registered TPC server in order to collect the specified data. Since the Universal Agent belongs to a specific TPC version and the monitoring API has been modified as part of TPC 4.1, the two TPC versions need to be verified for compatibility reasons.

Administrator Response

Verify the remote TPC versions of the registered TPC server instances. Server with a non-supported version number need to be updated prior successful data collection by the Universal Agent.

PBCUA1008E: Could not locate the IBM Tivoli Storage Productivity Center `tpcua.properties` or `tpcua.servers.properties` file.

Explanation

This is typically caused by an incorrect installation.

Administrator Response

Verify your installation procedure. Otherwise, contact IBM customer support.

PBCUA1009E: Improper usage.

Explanation

Improper usage.

Administrator Response

Valid commands are:

```
$ TPCUA(.bat/.sh)
  -config add
  -tpcDisplay [tpc_server_display_name]
  -tpcDBIP [tpc_server_db_ip]
  -tpcDBPort [tpc_database_server_listening_port]
  -tpcDBSchema [tpc_database_schema_name]
  -tpcDBName [name_of_the_tpc_database]
  -tpcDBUser [tpc_database_user]
  -tpcDBPass [tpc_database_password]
```

Where

-config add

Indicates that we are adding a new IBM Tivoli Storage Productivity Center server to monitor

-tpcDisplay [tpc_server_display_name]

The [tpc_server_display_name] is what will appear in the data sets for owning a record. If this needs to contain spaces, it must be enclosed in quotes.

-tpcDBIP [tpc_server_db_ip]

The [tpc_server_db_ip] should be the IP address of the IBM Tivoli Storage Productivity Center database server. This supports situations where the IBM Tivoli Storage Productivity Center and DB2 servers are not running local to each other.

-tpcDBPort [tpc_database_server_listening_port]

This should be the port number that the [tpc_server_db_ip] server is listening on.

-tpcDBSchema [tpc_database_schema_name]

This is the name of the database schema

-tpcDBName [name_of_the_tpc_database]

This is the name of the database itself

-tpcDBUser [tpc_database_user]

This is the name of the database user that has access to read/select data.

-tpcDBPass [tpc_database_password]

This is an unencrypted password that corresponds to [tpc_database_user]. It will be encrypted before being stored.

```
$ TPCUA(.bat/.sh)
  -config remove
  -tpcDisplay [tpc_server_display_name]
```

Where

-config remove

Indicates that we are removing an existing IBM Tivoli Storage Productivity Center server that is being monitored. Any data previously collected and warehoused from this IBM Tivoli Storage Productivity Center server will not be purged. We simply will not collect any new information from the server.

-tpcDisplay [tpc_server_display_name]

The [tpc_server_display_name] that we would like to stop monitoring. This value must exactly match the value specified during the -config add operation.

\$ TPCUA(.bat/.sh)

-config list

Where

-config list

Indicates to list out all IBM Tivoli Storage Productivity Center servers being monitored.

\$ TPCUA(.bat/.sh)

-collect

Where

-collect

Indicates to perform data collection against each of the IBM Tivoli Storage Productivity Center servers that have been added with the -config add command.

PBCUA1010E: An error occurred while reading from IBM Tivoli Storage Productivity Center tpcua.properties file.

error_message

Explanation

This is generally caused by the inability to read an existing file on the filesystem.

Administrator Response

Verify that you have the proper permissions to read files in the TPCUA installation folder and try again. Otherwise, contact IBM customer support.

PBCUA1011E: Could not load jdbc driver JDBC_driver_name.

Explanation

Prior starting the data collection run, the Universal Agent needs to load the JDBC driver in order to access the databases of the registered TPC server.

Administrator Response

Verify that a suitable JDBC driver is available for the Universal Agent and that DB connection can be established using this driver.

PBCUA1014E: The database repository username and password specified for IBM Tivoli Storage Productivity Center repository database *Database_Server_IP* address is not valid.

Explanation

No additional information.

Administrator Response

Enter the correct username and password.

PBCUA1015E: Could not connect to IBM Tivoli Storage Productivity Center database server *Database_Server_IP*. Please check that the server is up and available, and that any required firewall authorization has been granted on the necessary ports.

Explanation

None.

Administrator Response

Please check that the server is up and available, and that any required firewall authorization has been granted on the necessary ports.

PBCUA1016E: Connection to IBM Tivoli Storage Productivity Center database server *Database_Server_IP* address was successful, but the specified database repository name *database_name* is not valid.

Explanation

None.

Administrator Response

Verify that the database name that was specified exists and that the name is spelled correctly.

PBCUA1017E: An error occurred during data collection when setting the schema and transaction isolation for the database repository *Database_Server_IP* address.

Explanation

The system cancels the collection of data from this IBM Tivoli Storage Productivity Center server and continues on the next server.

Administrator Response

Check the log for stack trace for details.

PBCUA1018E: *SQLCODE_-204_error.*

Explanation

This error is usually caused by an incorrect database name or schema name that was specified in the properties file.

Administrator Response

Correct the name in the properties file and rerun the command.

PBCUA1019E: An error occurred when closing a connection with the IBM Tivoli Storage Productivity Center database repository server *Database_Server_IP* address. *error_message*

Explanation

This is a not a severe error.

Administrator Response

None.

PBCUA1020E: The port *Database_Server_Port_Number* for the IBM Tivoli Storage Productivity Center server's database repository is not a valid positive integer.

Explanation

No additional information.

Administrator Response

Verify the port number and reenter it.

PBCUA1021E: An error occurred while defining a new IBM Tivoli Storage Productivity Center server and setting the schema and transaction isolation for the database repository *Database_Server_IP*. The new IBM Tivoli Storage Productivity Center server cannot persist.

Explanation

No additional information.

Administrator Response

Verify the specified database schema and try again. Otherwise, contact IBM customer support.

PBCUA1022E: Could not persist the new IBM Tivoli Storage Productivity Center server definition because the tpcua.servers.properties file exists.

Explanation

None.

Administrator Response

Please check log for stack trace for details.

PBCUA1023E: The IBM Tivoli Storage Productivity Center server definition cannot be removed. The *Server_Definition_File_Name* file cannot be found or cannot be written to.

Explanation

This is generally caused by the inability to write to an existing file on the filesystem.

Administrator Response

Verify that you have the proper permissions to write files in the TPCUA installation folder and that the filesystem is not full, and try again. Otherwise, contact IBM customer support.

PBCUA1024E: The IBM Tivoli Storage Productivity Center server definition could not be removed. There was a problem writing to the *Server_Definition_File_Name* file.

Explanation

This is generally caused by the inability to write to an existing file on the filesystem.

Administrator Response

Verify that you have the proper permissions to write files in the TPCUA installation folder and that the filesystem is not full, and try again. Otherwise, contact IBM customer support.

PBCUA1025E: Error while collecting *data_set_name* data from IBM Tivoli Storage Productivity Center server *Database_Server_IP*.

Explanation

No additional information.

Administrator Response

Verify that the Tivoli Storage Productivity Center database is up and running properly. Otherwise, contact IBM customer support.

PBCUA1026E: The credentials for a IBM Tivoli Storage Productivity Center server were found to be not valid while reading the properties file. This server definition will be ignored. *error_message*

Explanation

No additional information.

Administrator Response

Delete the existing server definition, then add it again.

PBCUA1027E: The password cannot be encrypted and is stored in plain text. *error_message*

Explanation

No additional information.

Administrator Response

Contact IBM customer support.

PBCUA1028E: The password cannot be decrypted and is sent as is. *error_message*

Explanation

No additional information.

Administrator Response

Contact IBM customer support.

PBCUA2001I: Database repository credentials for IBM Tivoli Storage Productivity Center server *Server_Display_Name* successfully persisted.

Explanation

None.

Administrator Response

None.

PBCUA2002I: Database repository credentials for IBM Tivoli Storage Productivity Center server *Server_Display_Name* were successfully removed.

Explanation

None.

Administrator Response

None.

PBCUA2003I: SQL based data collection for IBM Tivoli Storage Productivity Center server *Server_Display_Name* completed successfully.

Explanation

None.

Administrator Response

None.

PBCUA2004I: Complete.

Explanation

None.

Administrator Response

None.

PBCUA2005I: There are no IBM Tivoli Storage Productivity Center servers being monitored.

Explanation

None.

Administrator Response

None.

PBCUA3000E: Exception occurred during deleting *Universal_Agent_data_collection_output_file* within method *TPCUA.deleteOutputFilesIfExist()*. Exception = *exception_context*

Explanation

Prior start of a data collection run, the Universal Agent deletes any existing output files. If a SecurityException occurs during file deletion, the corresponding exception message is shown to the user. A SecurityException can occur if a security manager exists and its `SecurityManager.checkDelete(java.lang.String)` method denies delete access to the file.

Administrator Response

Verify the file access properties of the corresponding output file and try again. If the problem still exists although the file access properties allow deletion, then please contact IBM customer support.

PBCUA3001E: File not found exception
(*'Universal_Agent_data_collection_output_file'*) occurred within
method **TPCUA.initializeLogFiles()**. Exception =
exception_context.

Explanation

Prior start of a data collection run, the Universal Agent deletes any existing output files and initializes the new data collection files. If a `FileNotFoundException` occurs during file creation, the file either exists but is a directory rather than a regular file, or does not exist but cannot be created, or cannot be opened for any other reason.

Administrator Response

Verify the file access properties of the corresponding output file and try again. If the problem still exists although the file access properties allow deletion, then please contact IBM customer support.

PBCUA3001W: There are no IBM Tivoli Storage Productivity Center servers to monitor. There is no data collection to perform.

Explanation

No IBM Tivoli Storage Productivity Center servers have been configured for monitoring before performing data collection.

Administrator Response

Add connection details for an IBM Tivoli Storage Productivity Center server before collecting data.

PBCUA3002E: Unsupported encoding exception (encoding =
*Encoding_Type***) occurred while trying to open the file**
Universal_Agent_data_collection_output_file **within method**
TPCUA.initializeLogFiles(). Exception = *exception_context*.

Explanation

Prior to start of a data collection run, the Universal Agent deletes any existing output files and initializes the new data collection files. If an `UnsupportedEncodingException` occurs during file creation, the named encoding is not supported.

Administrator Response

Verify the available file encoding settings and try again. If the problem still exists, please contact IBM customer support.

PBCUA3003E: The initialization of one or more log files failed. This is caused by an exception which occurred within TPCUA.initializeLogFiles() during opening the log file in write mode. Possible exceptions include FileNotFoundException or UnsupportedEncodingException. For details, please refer to the latest error log entry caused by TPCUA.initializeLogFiles().

Explanation

Each SQL statement to gather data for the Universal Agent has an associated log file where the retrieved data is stored. These log files are initialized during start of TPCUA. If the initialization fails, the corresponding error message is returned and the Universal Agent terminates.

Administrator Response

For details, please refer to the latest error log entry caused by TPCUA.initializeLogFiles(), carry out the recommended steps and try again. If the problem still exists, please contact IBM customer support.

PBCUA3004I: Usage = \n \n - Valid Option 1: Collect data\n args[0] = -collect\n \n - Valid Option 2: List TPC Servers\n args[0] = -config\n args[1] = list\n \n - Valid Option 3: Add TPC Server\n args[0] = -config\n args[1] = add\n args[2] = -tpcDisplay\n args[3] = <tpc_server_display_name>\n args[4] = -tpcDBIP\n args[5] = <tpc_server_database_ip>\n args[6] = -tpcDBPort\n args[7] = <tpc_database_server_listening_port>\n args[8] = -tpcDBSchema\n args[9] = <tpc_database_schema_name>\n args[10] = -tpcDBName\n args[11] = <name_of_the_tpc_database>\n args[12] = -tpcDBUser\n args[13] = <tpc_database_user>\n args[14] = -tpcDBPass\n args[15] = <tpc_database_password>\n \n - Valid Option 4: Remove TPC Server\n args[0] = -config\n args[1] = remove\n args[2] = -tpcDisplay\n args[3] = <tpc_server_display_name_to_remove>\n \n

Explanation

The number of arguments is not correct.

Administrator Response

Please read the usage information thoroughly and then try again using the correct number of arguments.

PBCUA3005E: At least one of the parameters of the data retrieval services is not correct. Possible data retrieval services which failed are: getSubsystemInformation(), getDashboardInformation(), getDataset().

Explanation

For each data collection run, the Universal Agent cycles through all registered TPC servers in order to collect the desired data. After verifying the supported TPC version, the appropriate Universal Agent internal data collection method is invoked. The available data collection methods are: getSubsystemInformation(), getDashboardInformation(), getDataset().

Administrator Response

Please verify the arguments provided to the Universal Agent, check on the registered TPC servers and try again. If the problem still exists, please contact IBM customer support.

**PBCUA3006E: Failed to initialize the data collection files.
Exception = *Exception*.**

Explanation

Prior to data collection using the monitoring API, the output files containing the data collection results are initialized.

Administrator Response

Please verify the directory/file access rights and try again.

PBCUA3007E: File not found exception during writing the data collected via the monitoring API. Filename = *Filename*.

Explanation

The UA data collection thread appends each result set of a data collection run to the end of the specified data collection target file.

Administrator Response

Please verify the directory/file access rights and try again.

PBCUA3008E: Unsupported encoding exception while writing the data collected via the monitoring API. Encoding = *Encoding*.

Explanation

The UA data collection thread appends each result set of a data collection run to the end of the specified data collection target file.

Administrator Response

Please verify the directory/file access rights, the selected and supported file encoding and try again.

**PBCUA3009E: UAAPICollectorThread construction failed.
Collection of TPC DB servers to monitor does not contain any
server information.**

Explanation

The UA data collection thread usually connects to the registered TPC DB server in order to gather input for the data collection run.

Administrator Response

Verify that at least one TPC DB server is registered and try again.

PBCUA3010I: Universal Agent API collector thread started.

Explanation

None.

Administrator Response

None.

PBCUA3011I: Universal Agent API collector thread terminated.

Explanation

None.

Administrator Response

None.

**PBCUA3012E: The TPC server information could not be
retrieved from the database - *DB_Name*.**

Explanation

The UA data collection thread usually connects to the registered TPC DB server in order to gather input for the data collection run.

Administrator Response

Please verify the connectivity to the listed TPC DB server and try again.

**PBCUA3013E: Failed to retrieve device server information:
Server = *Server_Name*, port = *Port_Number*.**

Explanation

The UA data collection thread connects to the device server in order to retrieve the desired device server data sets.

Administrator Response

Please verify that a device server with the specified name is running and listening for external requests at the specified port number and try again. If the problem still

exists, please contact IBM customer support.

**PBCUA3014E: Failed to retrieve data server information:
Server = *Server_Name*, port = *Port_Number*.**

Explanation

The UA data collection thread connects to the device server in order to retrieve the desired data server data sets.

Administrator Response

Please verify that a device server with the specified name is running and listening for external requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

**PBCUA3015E: Password decryption failed. Encrypted
password = '*Password*'. Exception = '*Exception*'.**

Explanation

Prior to connecting to the device server in order to collect the desired data, the UA tries to decrypt the password and set the security context with this decrypted password.

Administrator Response

Please verify that a device server with the specified name is running and listening for external requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

**PBCUA3016E: Failed to retrieve a device server proxy
connection: Server = '*Server*', port = *Port*.**

Explanation

The UA tries to connect to the device server via the monitoring API access (ServiceRegistry.bind()) call.

Administrator Response

Please verify that a device server with the specified name is running and listening for requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

**PBCUA3017E: Failed to retrieve the device server data from
server = '*Server*' at port number *Port*.**

Explanation

After establishing a connection to the device server, the UA tries to receive the data collection by calling getDeviceServerProperties() of the device server monitoring API.

Administrator Response

Please verify that a device server with the specified name is running and listening for requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

PBCUA3018E: Exception occurred during receiving device server-related data from server = 'Server' at port number Port. Exception = Exception. If there are any additional registered TPC servers from which to gather data, data collection will continue with the next available TPC server.

Explanation

After establishing a connection to the device server, the UA tries to receive the data collection by calling `getDeviceServerProperties()` of the device server monitoring API.

Administrator Response

Please verify that a device server with the specified name is running and listening for requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

PBCUA3019E: Failed to retrieve the data server data from server = 'Server' at port number Port.

Explanation

After establishing a connection to the device server, the UA tries to receive the data collection by calling `getDataServerProperties()` of the device server monitoring API.

Administrator Response

Please verify that a device server with the specified name is running and listening for requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

PBCUA3020E: Exception occurred during receiving data server related data from server = 'Server' at port number Port. Exception = Exception

Explanation

After establishing a connection to the device server, the UA tries to receive the data collection by calling `getDataServerProperties()` of the device server monitoring API.

Administrator Response

Please verify that a device server with the specified name is running and listening for requests at the specified port number and try again. If the problem still exists, please contact IBM customer support.

PBCUA3021E: Unable to delete the data collection target file 'File'. Please verify file access permissions and remaining disk space and try again.

Explanation

Prior to starting the data collection run, the Universal Agent deletes existing data collection target files from previous data collection runs.

Administrator Response

Please verify file access permissions and remaining disk space and try again. If the problem still exists, please contact IBM customer support.

PBCUA3022E: TPCTServerInfoProvider construction failed. The required DB access credentials are null.

Explanation

The class TPCTServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. Incorrect TPC DB connection information has been provided by the caller.

Administrator Response

No action is required.

PBCUA3023E: TPCTServerInfoProvider construction failed. The triple DES key to encrypt the DB access password is null.

Explanation

The class TPCTServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. The corresponding DB access password to establish DB connectivity is triple-DES encrypted. Incorrect triple-DES key has been provided by the caller.

Administrator Response

No action is required.

PBCUA3025W: Error during opening the DB connection: The DB access password can not be decrypted. The password as-is will be used. Password decrypt exception = *Exception*

Explanation

The class TPCTServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. The corresponding DB access password used to establish DB connectivity is triple-DES-encrypted. The given password could not be decrypted prior to transfer to the DB connectivity handler.

Administrator Response

No action is required.

PBCUA3026E: Failed to open the DB connection. SQL exception occurred = *Exception*

Explanation

The class TPCTServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. The Universal Agent failed to open the corresponding (remote) DB connection.

Administrator Response

Verify that all required Firewall logins are performed prior to starting the data collection of the Universal Agent.

PBCUA3027E: Failed to prepare the DB connection. DB Schema specified does not exist - schema name = *Schema_Name*.

Explanation

The class TPCTServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. The Universal Agent failed to prepare the corresponding (remote) DB connection.

Administrator Response

No action is required.

PBCUA3028E: Failure parsing the SQL query string: SQL string = '*SQL_Query_String*'.

Explanation

None.

Administrator Response

No action is required.

PBCUA3030E: Failure while receiving the TPC device server info. SQL exception occurred. Exception = *Exception*.

Explanation

The class TPCTServerInfoProvider is responsible to connect to the registered TPC DB in order to retrieve the corresponding device server information. The TPC DB query caused a SQL exception to be thrown.

Administrator Response

Analyze the content of the given SQL exception and correct the potential causes. Verify that the TPC DB is up and running and try again.

PBCUA3031E: Failure opening the DB connection of the registered TPC DB. Please verify server access information and try again. Server info = *Server_Info*.

Explanation

The class TPCServerInfoProvider is responsible for connecting to the registered TPC DB in order to retrieve the device server information. It failed to open the connection of the TPC DB.

Administrator Response

Verify that the TPC DB is up and running and try again.

PBCUA3032I: Waiting for the UA API data collector thread to terminate...

Explanation

None.

Administrator Response

No action is required.

PBCUA3033I: The UA API data collector thread terminated.

Explanation

None.

Administrator Response

No action is required.

PBCUA3034I: Error waiting for the UA API data collector thread. InterruptedException = *Exception*.

Explanation

None.

Administrator Response

No action is required.

PBCUA3035W: There are multiple device server entries within the table T_RES_SERVER. Normally, only one device server entry is allowed (SERVER_TYPE = 1). Note that this configuration may lead to problems.

Explanation

Potential reasons for having multiple device server entries are: (1) One or more TPC upgrade services were performed or (2) a multi TPC environment is used.

Administrator Response

No action is required.

PBCUA3036E: Failed to retrieve the device server information (SERVER_TYPE = 1) from the table T_RES_SERVER. The SQL statement [*SQL_Statement*] returned an empty result set.

Explanation

Prior to a data collection run, the Universal Agent data collector tries to retrieve the device server information out of the table T_RES_SERVER of the registered TPC DB.

Administrator Response

Verify that there is one registered device server specified within the table T_RES_SERVER and try again.

PBCUA3037E: Runtime exception occurred within the registered TPC server info provider number *Index*. Runtime exception = *Index*.

Explanation

Prior to data collection, the Universal Agent connects to the registered TPC DB in order to retrieve the connectivity information of the device server. The parameter validation of the TPC DB access information failed.

Administrator Response

No action is required.

PBCUA3038W: Warning. The reference of the registered TPC server number *Index* is null. Data from this server can not be gathered.

Explanation

Prior to data collection of the Universal Agent data collector thread via the monitoring API, the list of registered TPC servers is provided by the TPCUA main program.

Administrator Response

Verify the list of registered TPC servers and try again. If the problem still exists, please contact IBM customer support.

PBCUA3039E: Uncaught exception occurred within the Universal Agent data collector thread. Exception = *Exception*.

Explanation

The Universal Agent data collector thread is responsible for collecting the required TPC server information via the monitoring API. A general exception occurred during the data collection process.

Administrator Response

Verify that the TPC DB and the data and device server are up and running and try again.

PBCUA3040E: Failed to instantiate a DeviceServerCommunicator object. Exception = *Exception*.

Explanation

The DeviceServerCommunicator instance is responsible for establishing a connection to the device server of the registered TPC instance in order to request the required device server information.

Administrator Response

No action is required.

PBCUA3041E: Failed to retrieve the *Server_Type* server data via the monitoring API call. An exception '*Exception*' occurred.

Explanation

The Universal Agent data collector thread is responsible to gather the required TPC server information via the monitoring API. The Universal Agent failed to connect either to the data or to the device server.

Administrator Response

No action is required.

PBCUA3042E: Illegal timestamp received. Unable to convert this timestamp to TEP based timestamp.

Explanation

After data collection, the Universal Agent converts the TPC based timestamps into a specific timestamp format in order to enable the Tivoli Enterprise Portal to import it. The TPC-based timestamp can not be converted.

Administrator Response

No action is required.

PBCUA3043W: The TPC server *Server_Name* is an unsupported version. Thus only the SQL based data collection will be performed. Data collection via TPC monitoring API will be skipped.

Explanation

The required interface of the monitoring Service is not available for this TPC version

Administrator Response

Please upgrade TPC to the required version in order to perform this data collection via the monitoring API.

PBCUA3044E: The authorization ID *User_Name* does not have the privilege to perform the specified operation.

Explanation

The user does not have the rights to read the tables.

Administrator Response

Please use another user or grant the necessary rights to the user.

SAA

SAA0001E: SYMAPI error *error code -- error text*.

Explanation

The specified SYMAPI error occurred.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0002E: Error connecting to SYMAPI database (mode = *mode*).

Explanation

Error connecting to SYMAPI database.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0003E: Error synching *Symmetrix ID*.

Explanation

There was an error synchronizing the specified Symmetrix volume.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0004E: Symmetrix *Symmetrix ID*: Unexpected volume name: *volume name*.

Explanation

The specified Symmetrix volume has an unexpected volume name. The volume cannot be processed.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0005E: SymDevList(*Symmetrix ID*) failed.

Explanation

SymDevList failed for the specified Symmetrix volume. The volume cannot be processed.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0006E: SymDiskList(*Symmetrix ID*) failed.

Explanation

SymDiskList failed for the specified Symmetrix volume. The volume cannot be processed.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0007W: Symmetrix *Symmetrix ID*: SymDiskShow(*Symmetrix volume*) failed.

Explanation

SymDevShow failed for the specified Symmetrix volume. The volume cannot be processed.

SAA0008I: (Disk *disk* , Hyper *hyper*).

Explanation

The specified hyper was not found.

SAA0009W: No parity hyper found for RAID group 0x*RAID group*.

Explanation

No parity hyper was found for the specified RAID group.

SAA0010W: Symmetrix *Symmetrix ID*: SymDevShow(*Symmetrix volume*) failed.

Explanation

SymDevShow failed for the specified Symmetrix volume.

SAA0011I: (Meta-component *number of volume volume*).

Explanation

The specified meta-component was not found.

SAA0012W: Symmetrix *Symmetrix ID: Volume <Symmetrix volume>* not found or already used.

Explanation

The specified volume was not found or already used for the specified Symmetrix volume.

SAA0013W: Symmetrix *Symmetrix ID: Hyper not found, volume remote sequence number (instance, bus number, target, partition)*.

Explanation

The specified hyper was not found for the specified Symmetrix volume.

SAA0014W: Symmetrix *Symmetrix ID: SymDevShow(Symmetrix number)* failed.

Explanation

SymDevShow failed for the specified Symmetrix volume.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0015W: Symmetrix *Symmetrix ID: Volume Symmetrix volume does not contain hyper (device name, device number, disk ID, hyper number)*.

Explanation

The specified Symmetrix volume does not contain the specified hyper.

SAA0016W: Symmetrix *Symmetrix ID: Volume Symmetrix name is actually a meta-component of Symmetrix volume*.

Explanation

The specified Symmetrix volume has already been processed.

SAA0017W: Symmetrix *Symmetrix ID: Volume Symmetrix name has no hypers*.

Explanation

The specified Symmetrix volume has no hypers.

SAA0018I: SYMAPI version: *ID*.

Explanation

The specified SYMAPI version is being used.

SAA0019E: SymShow(*Symmetrix ID*) failed.

Explanation

Processing for the specified device has failed.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0020E: SymDiscover failed.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SAA0021E: SymList failed.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SAA0022I: Storage Subsystem *subsystem name (subsystem alias)* will be probed.

Explanation

The specified storage subsystem will be probed.

SAA0023W: Unsupported storage subsystem type: *subsystem type*.

Explanation

The specified storage subsystem type cannot be processed.

Administrator Response

Follow the administrator response associated with the associated error messages.

SAA0024E: Failed to load SYMAPI.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

**SAA0025W: Symmetrix ID: Remote Symmetrix remote ID:
Unexpected volume name: *name*.**

Explanation

The specified Symmetrix volume cannot be processed.

**SAA0026W: Symmetrix ID: Volume number (*volume number*)
exceeds array capacity (*length*).**

Explanation

The specified Symmetrix volume exceeds the product array capacity and cannot be processed.

SAG

SAG3000E: The hostname is required.

Explanation

The hostname is required.

Administrator Response

Enter a valid host name.

SAG3001E: The port is required.

Explanation

The port is required.

Administrator Response

Enter a valid port number.

SAG3002E: The user name is required.

Explanation

The user name is required.

Administrator Response

Enter a valid user name.

SAG3003E: The user password is required.

Explanation

The user password is required.

Administrator Response

Enter a valid user password.

SAS

SAS0009I: Saving probe results for the IBM SAN Volume Controller Cluster *cluster*.

Explanation

Saving the probe results for the IBM SAN Volume Controller cluster.

SAS0010I: Probe of IBM SAN Volume Controller Cluster *cluster* (*cluster_alias*) was completed.

Explanation

The probe of the IBM SAN Volume Controller cluster was completed successfully.

SAS0011I: Probe of IBM SAN Volume Controller Cluster *cluster* (*cluster_alias*) was aborted.

Explanation

The probe of the IBM SAN Volume Controller cluster was aborted because some errors were encountered during the probe.

Administrator Response

Refer to the message log for any errors recorded. If the information is not sufficient for identifying and solving the problem, contact the IBM customer support.

SAS0012E: No Managed Disk Group found for Virtual Disk *virtual_disk*.

Explanation

No managed disk group was found for the specified virtual disk from the CIM/OM. A virtual disk's extents must be allocated from the available extents of a managed disk group. Therefore, if this happens, it indicates an internal error.

Administrator Response

Contact IBM customer support.

SAS0013E: Error retrieving Managed Disks for Virtual Disk *virtual_disk*.

Explanation

The system encountered error when trying to retrieve the managed disks for the specified virtual disk. error. A virtual disk's extents must be allocated from one or more managed disks. Therefore, if this happens, it indicates an internal error.

Administrator Response

Try running the probe again. If the problem persists, contact IBM customer support.

SAS0014E: Error retrieving the extent count of Managed Disk *managed_disk* when creating chunks for Virtual Disk *virtual_disk*.

Explanation

The system encountered error when trying to retrieve the extent count of the specified managed disk when creating chunks for the virtual disk. If this happens, it indicates an internal error.

Administrator Response

Try running the probe again. If the problem persists, contact IBM customer support.

SAS0015W: No Disks found for Storage Pool *virtual_disk*, a Place Holder Disk will be created.

Explanation

The system encountered an error when trying to retrieve disks from the mentioned Storage Pool. A disk will be created as a place holder which will contain the information that would normally be contained in a disk object. This is most likely a problem with the CIM Provider.

Administrator Response

Try running the probe again. If the problem persists, contact IBM customer support.

SRV

SRV0001E: Unable to open server log file *file name*. Server shutting down.

Explanation

Unable to open the specified server log file. The server will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the associated error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0002E: Unable to register service *service* under the name *name*. Service *service* is already using that name.

Explanation

Two services with the same name were found in the configuration file.

Administrator Response

Delete one of the services from the configuration file.

SRV0003E: Invalid or missing [*section name*] section definition. Keyword <*keyword*> required.

Explanation

The specified section definition is incomplete. The specified keyword is required.

Administrator Response

Find the specified section in the proper configuration file. Add the specified keyword.

SRV0004E: Unable to parse configuration file *file name*.

Explanation

The configuration file parser could not process the specified file. Associated messages will detail the cause of the errors.

Administrator Response

Follow the administrator response associated with the associated error messages.

SRV0005E: No services are defined in config file *configuration file name*.

Explanation

No services are defined in the specified configuration file.

Administrator Response

Examine the configuration file. Add the proper service names. Refer to the product documentation for the proper service names.

SRV0006E: Unrecognized token - *token*.

Explanation

The specified configuration file token was not recognized.

Administrator Response

Find the specified token in the proper configuration file. Enter a value within the accepted range for the token.

SRV0007E: Unexpected end of file encountered.

Explanation

The configuration file parser expected more values. Associated messages will give the name of the incorrect configuration file.

Administrator Response

Examine the proper configuration file. Correct the syntax. Refer to the product documentation for the proper syntax.

SRV0008E: Invalid value specified for keyword <keyword> in section [*section name*].

Explanation

The value specified for the specified keyword is invalid or out of range.

Administrator Response

Find the specified keyword in the proper configuration file. Enter a value within the accepted range for the keyword. Refer to the product documentation for the proper ranges.

SRV0009E: Unrecognized keyword <keyword> encountered in section [*section name*].

Explanation

The specified configuration file keyword was not recognized. The keyword was found in the specified section (for example, gui, server). Associated messages will give the name of the incorrect configuration file.

Administrator Response

Find the specified keyword in the proper configuration file. Correct or delete the keyword.

SRV0010E: Unrecognized section name [*section name*].

Explanation

The specified section name is unrecognized.

Administrator Response

Find the specified section name in the proper configuration file. Correct or delete the section name.

SRV0011I: Server startup initiated. Config file: *file name*.

Explanation

Server startup initiated. It will use the specified configuration file.

SRV0012I: Server shutdown *shutdown type* initiated.

Explanation

The server is shutting down.

SRV0013I: Shutdown complete.**Explanation**

The server has completed shutting down.

SRV0014E: Server shutting down due to errors - status code *status code*.**Explanation**

The server is shutting down with the specified status code.

SRV0015E: Unable to register *provider name* service - unrecognized service ID.**Explanation**

Unable to register the specified service - unrecognized service ID.

Administrator Response

Contact IBM customer technical support.

SRV0016E: Unable to load *provider name* service.**Explanation**

Unable to load the specified service.

Administrator Response

Contact IBM customer technical support.

SRV0017E: *provider name* is not a service provider.**Explanation**

The specified name is not a service provider.

Administrator Response

Contact IBM customer technical support.

SRV0018E: Unable to start service *provider name*.**Explanation**

Unable to start the specified service.

Administrator Response

Contact IBM customer technical support.

SRV0019E: Error occurred while attempting to shutdown service *provider name*.

Explanation

An error occurred while attempting to shut down the specified service.

Administrator Response

Contact IBM customer technical support.

SRV0020I: Starting service provider *provider name*.

Explanation

Starting the specified service provider.

SRV0021I: Shutting down service provider *provider name*.

Explanation

Shutting down the specified service provider.

SRV0022E: Service providers *provider name one* and *provider name two* have both registered themselves as handlers for request type *request number*.

Explanation

The specified service providers have both registered themselves as handlers for the specified request type.

Administrator Response

Contact IBM customer technical support.

SRV0023E: The requested service provider is not installed, or is not defined in the server config file.

Explanation

The requested service provider is not installed, or is not defined in the server configuration file.

Administrator Response

Contact IBM customer technical support.

SRV0024E: The requested service provider has been shutdown.

Explanation

The requested service provider has been shutdown.

SRV0025E: Server connection limit exceeded. No new connections allowed.

Explanation

No more connections are available at this time.

Administrator Response

Retry the failing operation.

SRV0026I: Router thread exiting - socket queue deactivated.

Explanation

The router thread has been told to shut down.

SRV0027E: Unable to open server socket on port *port number*.

Explanation

An I/O error has occurred while attempting to open a server socket on the specified port. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0028E: Accept failed - port *value*.

Explanation

An I/O error has occurred while attempting to open a server socket on the specified port. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0029I: Startup complete - ready to accept connections.

Explanation

Server initialization is complete. Work may now be processed.

SRV0030E: Unable to load request handler *value*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0031E: *value* is not a request handler.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0032E: Unable to instantiate request handler *value*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0033E: A handler does not exist for this request subtype.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0037E: Unable to fetch registered agents from the database.

Explanation

Server agent initialization has failed. The server will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0038E: Unable to connect to the agent on host: *host address*, port: *port number*.

Explanation

The server was unable to connect to the specified agent. The operation will fail. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0039E: The agent on host: *host address*, port: *port number* is currently unavailable. The agent may need to be restarted.

Explanation

The specified agent is down.

Administrator Response

Restart the agent.

SRV0040E: No agent is registered under machine identifier *ID*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0041E: Agent connection error limit has been reached. The agent at host: *host address*, port: *port number* will be flagged as unavailable.

Explanation

Agent connection error limit has been reached. The specified agent will be flagged as unavailable.

Administrator Response

Restart the agent.

SRV0043E: A database error occurred during agent state change. Agent host: *host address*, port: *port number*.

Explanation

An SQL error occurred while attempting to update the specified agent's repository information. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0044E: Unable to connect to repository database. Driver: *jdbc driver* URL : *url*.

Explanation

Unable to connect to repository database. The current operation will fail. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0045E: Error closing repository connection.

Explanation

An error while attempting to close a repository connection. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support. If the repository database being down was the cause of the error, restart it.

SRV0046E: Repository connection status check failed.

Explanation

A connection cannot be used as is. It will be closed and reopened.

SRV0047E: Unable to load database driver *driver*.

Explanation

The server was unable to load the database driver. It will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0048E: Unable to locate database driver for URL: *url*.

Explanation

The server was unable to locate the specified database driver. It will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0050E: Insert to t_res_host failed. Hostname: *value*.

Explanation

An SQL error occurred while attempting to insert the specified computer into the t_res_host table.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0051E: Unable to determine server's machine identity.

Explanation

Unable to determine server's machine identity.

Administrator Response

Contact IBM customer technical support.

SRV0052E: SQL error fetching host *host address* from *t_res_host*.

Explanation

SQL error fetching the specified host from *t_res_host*.

Administrator Response

Contact IBM customer technical support.

SRV0053E: SQL error updating *t_res_host* table. hostname: *computer name*, ID: *computer ID*.

Explanation

An SQL error occurred while attempting to update the specified computer's row in the *t_res_host* table. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0054E: SQL error updating *t_res_server* table. Server name: *server name*, ID: *server ID*.

Explanation

An SQL error occurred while attempting to update the server definition in the *t_res_server* table. The server will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0056E: Unable to register server *server name* in repository.

Explanation

The server was unable to register itself in repository. This message will be proceeded by another message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that proceeds this message.

SRV0057E: SQL error inserting to t_res_server table. Server name: *value*, ID: *value*.

Explanation

An SQL error has occurred while attempting to register the server in the repository. The server will shut down. The server log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0058E: Unable to locate server's computer in the repository. Computer ID: *computer ID*.

Explanation

The repository is in an inconsistent state.

Administrator Response

Contact IBM customer technical support.

SRV0059E: SQL error querying t_res_agent, t_res_host tables.

Explanation

An SQL error has occurred while attempting to query the t_res_agent and t_res_host tables. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0060E: SQL error updating t_res_agent table.

Explanation

An SQL error has occurred while attempting to update an agent row in the t_res_agent table. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0061E: SQL error inserting to t_res_agent table.

Explanation

An SQL error has occurred while attempting to insert an agent row into the t_res_agent table. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0062I: Broadcasting server location to all agents.

Explanation

The server has been relocated and needs to broadcast its location to the agents. The broadcast is will start now.

SRV0063I: Broadcast complete.

Explanation

The server has been relocated and needed to broadcast its location to the agents. The broadcast is complete.

SRV0064E: Internal Server thread died unexpectedly.

Explanation

A Java thread has died unexpectedly. The server log will contain a stack trace of what went wrong. The server will be shut down.

Administrator Response

Contact IBM customer technical support.

SRV0065E: Unable to write to file *value*.

Explanation

A write operation failed against the specified file. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0066E: Unable to read file *file name*.**Explanation**

A read operation failed against the specified file. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

**SRV0067E: Error retrieving repository password from file:
password file name.****Explanation**

An error occurred retrieving the repository password from the specified file.

Administrator Response

Contact IBM customer technical support.

SRV0068E: *service provider name* service provider thread has died unexpectedly.**Explanation**

The specified service provider has died unexpectedly. The server log will contain a stack trace of what went wrong. The server will be shut down.

Administrator Response

Contact IBM customer technical support.

SRV0069E: Error routing Request data to service *service name*.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0070E: Transceiver closed prematurely.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0071E: Unable to route Response to requestor.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0072E: Internal Request routing error. Please contact IBM technical support.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0073E: Unable to acquire request data.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0074I: Response received from service *service name*.**Explanation**

An error type response was received from the specified service. Associated error messages will detail the errors. These messages alone do not indicate a problem.

Administrator Response

Use the error messages for debugging purposes if there is a problem associated with the service request.

SRV0075E: Unable to get response data from service *service name*.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0078E: SQL error. Unable to prepare <SQL statement type> statement. Table: *table name*.

Explanation

An SQL error has occurred. A prepare statement operation failed for the specified statement type against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0079E: SQL error. Unable to close ResultSet for table: *table name*.

Explanation

An SQL error has occurred. A close operation failed for a result set against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0080E: SQL error. Unable to close <SQL statement type> Statement. Table: *table name*.

Explanation

An SQL error has occurred. A close operation failed for the specified statement type against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0081E: SQL error. Unable to access table *table name* Stmt Type: *SQL operation type*, Stmt Phase: *phase of operation*.

Explanation

An SQL error has occurred. The specified operation failed against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0082E: SQL error. Unable to query *value*.

Explanation

An SQL error has occurred. A query operation failed against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0083E: SQL error. Unable to insert to *table name*.

Explanation

An SQL error has occurred. An insert operation failed against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0084E: SQL error. Unable to update *table name*.

Explanation

An SQL error has occurred. An update operation failed against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0085E: SQL error. Unable to delete from *table name*.

Explanation

An SQL error has occurred. A delete operation failed against the specified table. Associated error messages will detail the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0087E: Unable to fetch Data Manager configuration settings. Row not found.

Explanation

A row is missing from the repository.

Administrator Response

Contact IBM customer technical support.

SRV0089E: Alerter unable to connect to repository.**Explanation**

An attempt to connect to the repository database failed while processing an alert. Error messages detailing the errors will be displayed.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0090E: Alerter encountered errors while processing alert: *value.value*. Alert text follows.**Explanation**

The Alerter encountered errors while processing the specified alert. The alert's text follows. Following this message will be a message detailing the exact nature of the problem.

Administrator Response

Follow the administrator response associated with the error message that follows.

SRV0091E: Alerter unable to RegisterEventSource.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0092E: Alerter unable to ReportEvent.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0093W: *object type object creator.object name* had been deleted, but save resurrected it.**Explanation**

The specified object had been deleted, but saving it will recreate the object. The object definition will appear as currently saved.

SRV0094W: Save of *object type object creator.object name* overwrote changes made by *other user name*.

Explanation

The saving of the specified object overwrote changes that had been made by the specified user. Any changes the user may have been lost. The object definition will appear as currently saved.

SRV0095E: *object type object creator.object name* no longer exists.

Explanation

The object with the specified creator and name no longer exists.

Administrator Response

Remove the specified object from the definition being edited and save the definition.

SRV0096E: *object type object creator.object name* already exists.

Explanation

An object definition with the specified creator and name already exists.

Administrator Response

Rename the object and save the definition.

SRV0097E: *object type object creator.object name*: One or more dependent objects not found.

Explanation

Entities have been selected in the GUI to be included in the definition of the specified object. Some of these entities have been deleted since the edit session began.

Administrator Response

Remove the entities that no longer exist from the object definition and save the definition.

SRV0100E: Alerter: ID alloc failed.

Explanation

An SQL error has occurred while trying to read the current repository identifier number. This message will be accompanied by messages describing the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0101E: Invalid handler for sub-type.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0102E: Unable to connect to repository database in *Java class.method*.**Explanation**

An attempt to connect to the repository database failed in the specified Java program and routine. Error messages detailing the errors will be displayed.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0103E: SQL error preparing select statement for table(s) *list of table name(s) in Java class.method*.**Explanation**

An SQL error occurred preparing a select statement for the specified tables in the specified Java program and routine. Error messages detailing the errors will be displayed.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0104E: SQL error querying table(s) *list of table name(s) in Java class.method*.**Explanation**

An SQL error occurred querying the specified tables in the specified Java program and routine. Error messages detailing the errors will be displayed.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0105E: Predefined object (ID = *ID*) not found in repository.**Explanation**

A row is missing from the repository.

Administrator Response

Contact IBM customer technical support.

SRV0106E: Login failed -- Username = *user name*.

Explanation

Login failed for the specified user name.

Administrator Response

Make sure the user name and password are correct.

SRV0108W: OS User Group *group name* not found -- default name used as administrative group.

Explanation

The specified OS User Group was not found. The specified default name will be used.

SRV0109E: Group not found (GID = *group ID*).

Explanation

The logon ID being used is not a member of the administrative group.

Administrator Response

Add the logon ID to the administrative group or use a different ID.

SRV0110E: SQL error creating select statement to query t_key table.

Explanation

An SQL error occurred while attempting to process license keys. If the error occurred in the server the server shut down and the server log will contain error messages detailing the error. If the error occurred during an install the install will fail and the install log will contain error messages detailing the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0111E: SQL error executing query for t_key table.

Explanation

An SQL error occurred while attempting to process license keys. If the error occurred in the server the server shut down and the server log will contain error messages detailing the error. If the error occurred during an install the install will fail and the install log will contain error messages detailing the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0112E: SQL error fetching keys from t_key table.

Explanation

An SQL error occurred while attempting to process license keys. If the error occurred in the server the server shut down and the server log will contain error messages detailing the error. If the error occurred during an install the install will fail and the install log will contain error messages detailing the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0113E: Error transmitting shutdown request to server.

Explanation

The shutdown program was unable to transmit the shutdown request to server. The server could not be shut down. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0114E: Unable to create socket.

Explanation

The shutdown program was unable to create a socket to connect to the server. The server could not be shut down. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0115E: A server is already running. Process ID: *process ID*.

Explanation

The server cannot be started because the specified server is already running.

SRV0117I: The server is already down.

Explanation

A shutdown request will be ignored because the server is already down.

SRV0118W: Unable to test server lock. Sending shutdown request.

Explanation

The shutdown program was unable to determine if the server is up. It will be assumed to up and the shutdown request will be processed.

SRV0119E: SQL error deleting agent row from t_res_agent table.

Explanation

An SQL error has occurred while attempting to delete an agent row from t_res_agent table. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0120E: Error deleting agent information from the repository database.

Explanation

An error has occurred while attempting to delete agent information from the repository database. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0122E: Unable to retrieve license keys from the repository.

Explanation

An SQL or connection error occurred while trying to retrieve the license keys from the repository. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0123E: The agent on host: *host address*, port: *port number* is being upgraded. Communication with this agent has been suspended until the upgrade completes.

Explanation

The specified agent is currently being upgraded. Communication with this agent has been suspended until the upgrade completes.

Administrator Response

Retry the failing operation after the agent upgrade is complete.

SRV0124E: Unable to read agent upgrade file *file name*.

Explanation

An I/O error occurred while trying to read the specified file.

Administrator Response

Contact IBM customer technical support.

SRV0125E: Automatic agent software upgrade initiated.

Explanation

The agent is at an earlier release than the server. It needs to be upgraded, which is being done automatically.

SRV0126I: Software upgrade delivered to agent *agent name*.

Explanation

The server will upgrade the specified agent.

SRV0127E: Unable to upgrade agent *agent name*.

Explanation

The server was unable to upgrade the specified agent. The agent is connected to a different server and cannot be reached.

Administrator Response

Reconnect the agent to this server or process the agent through its new server.

SRV0128I: Server entering maintenance mode in order to upgrade agent software.

Explanation

The server will now start applying maintenance to the agents.

SRV0129I: Server exiting maintenance mode.

Explanation

The server has finished applying maintenance to the agents.

SRV0130E: Unable to upgrade agent *value*. No upgrades found.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0131E: SQL error creating sort-order statement.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0132E: SQL error executing sort-order query.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0133E: SQL error closing sort-order statement.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0134E: Sort-order query returned no rows.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0135E: SQL error retrieving sort-order row.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0136E: SQL error reading sort-order query column.

Explanation

An SQL error has occurred. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0137W: Agent: *value*, ID: *value* exists in the repository but not in cache. Adding to cache.

Explanation

An internal error may have occurred, but has been recovered.

SRV0139E: Alert has no computer-ID.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0140E: Script for alert *alert creator.alert name* will not run.

Explanation

The script for the specified alert will not run due to an I/O error. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0141E: Unknown alert condition *computer ID*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

SRV0155E: SQL Error. Unable to create JDBC Statement.

Explanation

The server had an SQL error while trying to create a JDBC Statement. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0156E: Unable to fetch name for computerID *computer ID*.

Explanation

The server was unable to fetch the computer name from the repository for the specified computer ID. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0157E: Cannot run script -- no such agent Type = *resource type* , Comp ID = *computer ID*.

Explanation

An alert triggered a script to be run on the specified machine. The machine is not an agent - it may be a NAS filer or something like that.

Administrator Response

Contact IBM customer technical support.

SRV0158E: The agent software on host *host address* is back leveled and needs to be upgraded. An attempt to deliver a software upgrade to this agent has failed. The agent may need to be restarted. Refer to the server log for more information.

Explanation

The agent software on the specified host needs to be upgraded. An attempt to deliver a software upgrade to this agent has failed. The agent may need to be restarted. Refer to the server log for more information.

Administrator Response

Follow the directions in this message.

SRV0159E: License Manager unable to connect to repository.

Explanation

License Manager unable to connect to repository.

Administrator Response

Contact IBM customer technical support.

SRV0160E: SQL error updating t_res_host table.

Explanation

An SQL error occurred while updating the t_res_host table. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0163E: SQL error executing query for t_stat_file table.

Explanation

An SQL error has occurred trying to execute the query for the t_stat_file table.

Administrator Response

Contact IBM customer support.

SRV0164E: SQL error fetching rows from t_stat_file table.

Explanation

An SQL error has occurred trying to fetch the rows from the t_stat_file table.

Administrator Response

Contact IBM customer support.

SRV0165E: SQL error updating rows in t_stat_file table.

Explanation

An SQL error has occurred trying to update the rows in the t_stat_file table.

Administrator Response

Contact IBM customer support.

SRV0167E: SQL error copying data from old t_res_datafile table to new t_res_datafile table.

Explanation

An SQL error has occurred trying to insert data into the new t_res_datafile table.

Administrator Response

Contact IBM customer support.

SRV0168E: SQL error renaming table t_res_datafile_new to t_res_datafile.

Explanation

An SQL error has occurred trying to rename table t_res_datafile_new to t_res_datafile.

Administrator Response

Contact IBM customer support.

SRV0169E: SQL error dropping table t_res_datafile_new.

Explanation

An SQL error has occurred trying to drop table t_res_datafile_new.

Administrator Response

Contact IBM customer support.

SRV0176I: Could not retrieve Data Manager license from ITLM.

Explanation

The call to retrieve a license from ITLM has failed. A following error message will give more information on the error.

Administrator Response

A following error message will give more information on the error.

SRV0192M: Data Manager server failed to register: *Agent Manager reason*

Explanation

The Resource Manager was not registered with the Agent Manager. The Resource Manager registration user name or password could be incorrect, or the Agent Manager machine cannot be contacted.

Administrator Response

Check that the Agent Manager is started and there is connectivity to the machine. Also verify that the Agent Manager username and password is correct. Re-install IBM Tivoli Storage Productivity Center for Data.

SRV0194E: Error retrieving Agent Manager property: *Agent Manager property.*

Explanation

The property could not be retrieved.

Administrator Response

Check to make sure the properties file exists.

SRV0195E: Invalid format for *property* property.

Explanation

The property was in an invalid format in the properties file.

Administrator Response

Check to make sure the format of the property is correct.

SRV0196E: The Agent Manager property *Agent Manager property* is empty.

Explanation

The property was empty in the properties file.

Administrator Response

Check to make sure the property is set.

SRV0197I: Successfully identified Storage System volumes that are virtualized to the IBM SAN Volume Controller: *IBM San Volume Controller's alias name*

Explanation

The product has successfully checked the environment for any common storage between the IBM San Volume Controller and the storage systems that it monitors.

SRV0198E: Error encountered while identifying Storage System volumes that are virtualized to the IBM SAN Volume Controller: {0}.*IBM San Volume Controller's alias name*

Explanation

The product encountered errors while checking for common storage in its environment between the IBM San Volume Controller and the storage systems that it monitors.

Administrator Response

Ensure that the product continues to have access to the storage systems that are in its environment. Verify connectivity to the CIM Object Managers of these storage systems. Ensure that the truststore files are accurate, and retry the operation.

SRV0199E: *Job Job_Name* is not associated with an agent.

Explanation

The definition could not be retrieved. It might have been deleted from the database since the last time the GUI was refreshed.

Administrator Response

Please refresh the corresponding node in the GUI.

SRV0200E: Unable to write license data to *registration file*.

Explanation

The server was unable to write license data to the specified file due to an I/O error.

Administrator Response

Contact IBM customer technical support.

SRV0201E: *product name* is not installed.

Explanation

The specified product is not installed.

Administrator Response

Contact IBM customer technical support.

SRV0202E: The license for *product name* has expired.

Explanation

The license for the specified product has expired.

Administrator Response

Contact IBM customer technical support for a new product key.

SRV0203E: Shutdown dump not supported Use kill -11 on UNIX type systems.

Explanation

If a dump is desired on a UNIX type system use the kill -11 command to stop the server.

Administrator Response

Use the kill -11 command to stop the server.

SRV0204E: Error initializing SnmpV1API.

Explanation

There was an error initializing the Snmp services. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0205E: Error establishing connection to the Tivoli Event Console server.

Explanation

There was an error establishing connection to the Tivoli Event Console server. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0206E: Error sending out the Tivoli Event Console event. Return code = *return code*.

Explanation

There was an error sending out the Tivoli Event Console event notification for an alert. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0400I: ITLM Agent is not installed or running, or communication with ITLM server failed. Server startup will continue.

Explanation

Communication with the IBM Tivoli License Manager has failed. It may not be installed, running, or configured correctly.

Administrator Response

Check the ITLM installation and configuration.

SRV040IW: ITLM License request not granted.

Explanation

IBM Tivoli License Manager is installed but did not grant the license request for Data Manager. Text on why the license was not granted will be included after this message.

Administrator Response

Check that the ITLM license for Data Manager has been installed.

**SRV0454W: Unable to retrieve computer attributes for
Computer Name.**

Explanation

IBM Tivoli Storage Productivity Center is unable to retrieve the attributes for the specified computer. However, the probe job is continued without processing this computer.

**SRV0500E: .Upgrade attempt on agent *value* was
unsuccessful. Review *value*'s previous log file for more
details.**

Explanation

An agent upgrade attempt was unsuccessful. Details on possible causes for failure can be found in the agents previous log file.

Administrator Response

Check the agents previous log file for details.

**SRV0795I: Invalid Agent ID *value* has been specified to set
agent job status.**

Explanation

Invalid Agent id was provided to update job status. If there are jobs in "running" state, status of those jobs will not be reset to "failed".

SRV0851E: Job for *job code* failed.

Explanation

A job of the type specified in the message has failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

SRV0852E: The data server has run out of memory.

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV0853E: Internal error.

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV085400E: Unexpected error occurred while performing the following device functionality: *Device server action*

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV085595E: An unexpected error occurred while attempting to rollup TPC server data.

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV085596E: Unable to connect to the Device Server. Please ensure that the Device Server is up and running and that the network connection is active. If the Device Server is active verify that the your Data Server can communicate with the Device Server over the network.

Explanation

Cannot connect to the Device Server. Please fix the problem and retry the action. If the problem persists, contact IBM customer technical support.

Administrator Response

The Device Server cannot communicate due to one of the following: 1. Device Server is down. 2. The network between Data Server and Device Server is down. Please fix the problem and retry the action.

SRV085597E: An unexpected error occurred while attempting to probe switch sensor and event log data for *switch ID*.

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV085598E: An unexpected error occurred while attempting to decrypt password for CIMOM *CIMOM's URL*.

Explanation

Retry the action. If the problem persists, contact IBM customer technical support.

SRV085599E: The Sensor and/or Events tab data can not be displayed because the data could not be retrieved from the switch.

Explanation

The switch may be having problems such that it is not responding to SNMP queries.

Administrator Response

Try rebooting the switch. If that does not fix the problem please contact IBM Support.

SRV0860I: IBM Tivoli Storage Productivity Center is operating in an environment with AgentManager Registration set to NO.

Explanation

IBM Tivoli Storage Productivity Center is operating in an environment with "AgentManager.Registration" set to NO. The Data server will not attempt to register with the Agent Manager.

SRV0862W: Error in configuration parameter AgentManager.Registration - default value will be used.

Explanation

There was an error in the value of the Configuration parameter "AgentManager.Registration". Allowed values are "yes" and "no".

SRV0863I: IBM Tivoli Storage Productivity Center is operating in an environment with AgentManager Registration set to YES.

Explanation

IBM Tivoli Storage Productivity Center is operating in an environment with "AgentManager.Registration" set to YES. The Data server will attempt to register with the Agent Manager.

SRV0866E: The node hosting the cluster resource group *CRG name* is unreachable.

Explanation

The TPC server was unable to contact the agent that is currently hosting the specified clustered resource group.

Administrator Response

1. Check that the cluster resource group is online. 2. Try to ping all the IPs associated with the cluster resource group from the TPC server. At least one of them should be reachable from the TPC server. 3. Make sure all the TPC agents installed in the cluster are configured with the same listening port.

SRV0867E: The alternate network names for the cluster resource group with *computer_id* = *computer ID* could not be retrieved.

Explanation

The specified computer identifier could not be found in the database.

Administrator Response

Contact IBM customer technical support.

SRV0868E: The primary network name for the cluster resource group with computer_id = *computer ID* could not be updated.

Explanation

The specified computer identifier could not be found in the database.

Administrator Response

Contact IBM customer technical support.

SRV0869E: The network names for the cluster resource group with computer_id = *computer ID* could not be saved.

Explanation

Failed to insert the network names for the cluster resource group into the database.

Administrator Response

Contact IBM customer technical support.

SRV0900E: Unable to load GUID library for server registration.

Explanation

Data Server failed to load GUID library for server registration. Possible cause by GUID is uninstalled or symbolic link to GUID library is removed from server host.

Administrator Response

Contact IBM customer technical support.

SRV0901E: Unable to read GUID for server registration.

Explanation

Data Server failed to read GUID for server registration. Possible cause by GUID key or registry is removed from server host.

Administrator Response

Contact IBM customer technical support.

STA

STA0001E: Path has too many components: *directory path*.

Explanation

The directory being processed has too many components in its path. It cannot be processed.

Administrator Response

Contact IBM customer technical support.

STA0002E: Selection *value* is malformed. Dump follows.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0003I: Operation *operation type*, position *position*.

Explanation

This is an informational message detailing what scan processing will occur.

STA0016W: No summary results gathered for filesystem *filesystem name*.

Explanation

This scan job did not contain a profile which gathered summary statistics for the specified filesystem.

STA0018E: Argument to ExecScan must be non-negative integer.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0019E: Unable to retrieve scan definition.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0020E: Scan definition empty or not of correct type.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0021E: No filesystems to scan.**Explanation**

The scan job definition has been examined and no scannable filesystems were found.

Administrator Response

Select some filesystems in the scan edit GUI or delete the scan job.

STA0022E: Server did not accept scan results.**Explanation**

The server was unable to save the gathered scan statistics. The job log or the server log will contain error messages detailing the errors.

Administrator Response

Examine the job and server logs and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0023E: Filesystem already under scan: *filesystem name*.**Explanation**

The specified filesystems which will be scanned in this scan job is already being scanned by another scan job. The entire scan job will be terminated without processing any of the filesystems.

Administrator Response

Reschedule your scan jobs to run at different times or remove the specified filesystem from one of the scan jobs.

STA0024I: Filesystems to scan.**Explanation**

This message proceeds the list of filesystems that will be scanned. This is a strictly informational message.

STA0025I: Scanning *filesystem name*.**Explanation**

The scan job is beginning to scan the specified filesystem. This message shows the progress of the scan.

STA0026I: Filesystem profiles/constraints.**Explanation**

This message proceeds the list of filesystem profiles and constraints that will be processed. This is a strictly informational message.

STA0027I: Directory profiles.**Explanation**

This message proceeds the list of directory profiles that will be processed. This is a strictly informational message.

STA0028I: Scan aborted.**Explanation**

A fatal error has occurred during the execution of the Scan job. The job log or the server log will contain error messages detailing the errors.

Administrator Response

Examine the job and server logs and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0029I: Scan completed successfully.**Explanation**

The Scan job has completed successfully. This is a strictly informational message.

STA0030W: Controller *controller path* is not of type PROM.**Explanation**

Non PROM type controllers cannot be processed. The specified controller will be ignored.

STA0031W: No *property* property exists for controller *controller path*.**Explanation**

No property exists for the specified controller.

STA0032W: Unrecognized type (*type*) for controller *controller path*.**Explanation**

The type is unknown for the specified controller. It cannot be set.

STA0033W: Device path does not specify target-ID *device path*.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0034W: Unable to open disk *disk path*.

Explanation

The job was unable to open the specified disk. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0035W: SCSI command failure occurred on device *device_path, manufacturer, model* \n Please check the message manual for more information on the SCSI command failure.

Explanation

This message is part of the block describing a SCSI command error. It may be preceded by another informational message describing the processing which failed. It will be followed by another message that describes the actual error that occurred. It may also be followed by message STA0036I which gives more detailed information about the error for debugging purposes. Note: VMWare VM guest disks may not respond correctly to SCSI commands.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0036I: Sense key: 0xsense keyASC:0xadditional data ASCQ: 0xqualifier.

Explanation

This message is part of the block describing a SCSI command error. It will follow message STA0035W and possibly an additional message. It gives more detailed information about the error for debugging purposes.

Administrator Response

Determine what caused the SCSI command error referencing the sense key, ASC and ASCQ values from the technical committee (T10) SCSI Storage Interfaces site: <http://www.t10.org/lists/1spc-1st.htm>

Note that these keys are generated by the device itself, and if the device rejects the request as invalid, a firmware upgrade from the manufacturer of the device may be required. If a firmware upgrade does not resolve the errors that reject the request as invalid, then the device may not fully support the SCSI standard. Other errors may indicate device errors, and therefore diagnosis of the device would be required. If the SCSI command errors cannot be resolved, then TPC will not be able to extract all the information needed to report on the device. If the device is not critical for the TPC reports, the SCSI command error can be ignored. Otherwise, the device may require replacement.

STA0037I: At filemark.

Explanation

This message is part of the block describing a SCSI command error. This message describes the actual error that occurred. It will be proceeded by message STA0035W which will give the device path and possibly another informational message describing the processing which failed. It will be followed by a message which may give more detailed information about the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0038I: At end of medium.

Explanation

This message is part of the block describing a SCSI command error. This message describes the actual error that occurred. It will be proceeded by message STA0035W which will give the device path and possibly another informational message describing the processing which failed. It will be followed by a message which may give more detailed information about the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0039I: Bad logical-block length.

Explanation

This message is part of the block describing a SCSI command error. This message describes the actual error that occurred. It will be proceeded by message STA0035W which will give the device path and possibly another informational message describing the processing which failed. It will be followed by a message which may give more detailed information about the error.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0040W: Device *device path* has null manufacturer!

Explanation

The specified device does not return manufacturer information. It cannot be gathered.

STA0041W: Cannot send SCSI command to *device path*.

Explanation

The SCSI command to the specified device failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0043I: Obtaining serial number.

Explanation

The command to obtain the disk serial number failed. The disk will be skipped. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0044I: Reading capacity.

Explanation

The command to read capacity failed. The device specific statistics cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0045I: Retrieving all mode pages.

Explanation

The command to retrieve the mode pages failed. The device specific statistics cannot be gathered. This message will be followed by a message detailing the error.

STA0046I: Retrieving changeable values -- Error Recovery.

Explanation

The command to query the disk bits (that were requested to be changed) failed. The bits were not changed but maybe correct as is. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0047I: Setting bits -- Error Recovery page.

Explanation

The command to set the disk bits (that were requested to be changed) failed. The bits were not changed. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0048I: Retrieving SMART status.

Explanation

The command to retrieve the SMART status failed. The failure prediction statistic cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0049W: Device *device path* has no Format mode-page!

Explanation

The format mode page for the specified device could not be found. Certain device specific statistics could not be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0050I: Setting notch.

Explanation

The command to reset the disk notch failed. It was not reset. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0051I: Retrieving Notch page.

Explanation

The command to retrieve the Notch page failed. The statistic cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0052I: Retrieving Format mode page.

Explanation

The command to retrieve the Format mode page failed. The statistic cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0053I: Retrieving Primary Defect list.

Explanation

The command to retrieve the Primary Defect list failed. The statistic cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0054I: Retrieving Grown Defect list.

Explanation

The command to retrieve the Grown Defect list failed. The statistic cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0055I: Retrieving list of supported log pages.

Explanation

The command to retrieve the list of supported SCSI log pages failed. Certain manufacturer specific statistics cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0056I: Retrieving a log page.

Explanation

There was an error retrieving an SCSI log page. Certain manufacturer specific statistics cannot be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0057I: Retrieving temperature page [IBM].

Explanation

The command to retrieve the temperature statistic failed. The statistic will not be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0058I: Retrieving minutes powered on [SEAGATE].**Explanation**

The command to retrieve the minutes powered on statistic failed. The statistic will not be gathered. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0059I: Retrieving standard INQUIRY data.**Explanation**

A device is currently unavailable. It will be ignored. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0060I: NOTICE: Slice 2 is not of type BACKUP *disk path*.**Explanation**

A non-backup second slice is being processed.

STA0061I: NOTICE: Slice *slice number* (not 2) is of type BACKUP *disk path*.**Explanation**

A backup slice is being processed.

STA0062W: Multiple slices of type BACKUP on disk *disk path*.**Explanation**

A disk slice of type BACKUP has been found on the specified disk. A slice type BACKUP had been previously found so this one will be ignored.

STA0063E: Cannot stat *device path*.**Explanation**

The specified device cannot be processed. The probe may be terminated, depending on operating system. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0064W: IOCTL *command name* failed on disk *disk path*.

Explanation

The specified command failed on the specified disk. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0065E: Finding disks: *command name* failed.

Explanation

An error occurred when the specified command was issued. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0066W: Slice-name has invalid symbolic link: *path*.

Explanation

The specified disk slice could not be processed, possibly due to invalid or stale device file for this symbolic link. It will be skipped.

STA0067W: Probe missed device (meta-component)! *chunk name*.

Explanation

A chunk from the meta-disk command output was not found. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the message that follows.

STA0068W: Meta-component on removable medium: *path*.

Explanation

A removable medium cannot be processed. It will be skipped

STA0069E: Cannot open *file name*.

Explanation

The specified file could not be opened. The job log will usually contain error messages detailing the errors.

Administrator Response

Examine the job log. If there are error messages determine what caused the error. If unable to determine the cause of the error or if there are no error messages contact IBM customer technical support.

STA0070W: Error resolving symbolic link *link*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0071W: CONCAT: Looking for stripe-set count (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0072W: CONCAT: Looking for stripe multiplicity (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0073W: CONCAT: Looking for slice (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0074W: CONCAT: Slice has already been used (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0075W: CONCAT: Error parsing option (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0076W: CONCAT: Error determining interleave (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0077W: RAID5: Unknown option (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0078W: RAID5: Error determining interleave (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0079W: RAID5: Looking for slice (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0080W: RAID5: Slice has already been used (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0081W: RAID5: Fewer than two slices.

Explanation

Fewer than two slices were found while parsing the meta-disk command output. The command output will follow.

Administrator Response

Examine the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0084W: MIRROR: No components.**Explanation**

No components were found while parsing the meta-disk command output. The command output will follow.

Administrator Response

Examine the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0085W: Cannot open meta-disk *value*.**Explanation**

An open operation failed for the specified meta-disk. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0087W: MIRROR: Concat not found or already used (parm *parm number*).**Explanation**

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0088W: TRANS: No data device (parm *parm number*).**Explanation**

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0089W: TRANS: No log device (parm *parm number*).**Explanation**

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0090W: TRANS: Data slice already in use (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0091W: TRANS: Meta-disk not found or in use (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0092W: TRANS: Parm is neither slice nor meta-disk (parm *parm number*).

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0093W: TRANS: No slice (parm *parm number*) -- abandoning.

Explanation

There was an error parsing the meta-disk command output. The specified token is incorrect. The command output will follow.

Administrator Response

Examine the specified token in the command output and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0094E: Cannot open /etc/mnttab.

Explanation

An open operation failed for the mounts file. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0095E: Cannot lock /etc/mnttab.

Explanation

A lock operation failed for the mounts file. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0096E: statvfs(*volume mount point*) failed.

Explanation

A call to obtain information about the specified volume failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0097E: open(*file name*) failed.

Explanation

An open operation failed for the specified file. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0098E: Seek to super-block failed on device *value*.

Explanation

A seek operation failed on the specified device. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0099E: Read of super-block failed on device *device path*.

Explanation

A read operation failed on the specified device. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0100W: Multiple filesystems mounted on *device name* filesystem mount point filesystem mount point.

Explanation

Multiple filesystems are mounted on the specified device. They cannot be processed because they are unsupported.

STA0101W: Filesystem *mount point*, of type *filesystem type*, mounted on unsupported device *device name*.

Explanation

The specified filesystem cannot be processed because it is mounted on the specified unsupported device.

STA0102E: Cannot read *file name*.

Explanation

The job could not read the specified file. The job will terminate.

Administrator Response

Contact IBM customer technical support.

STA0103W: Filesystem *mount point* not found.

Explanation

The specified filesystem was not found. It will not be processed.

STA0105W: swapctl() fails.**Explanation**

The call to obtain swap space information has failed. That statistic will not be gathered. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0108I: Probe aborted.**Explanation**

A fatal error has occurred during the execution of the Probe job. The job log or the server log will contain error messages detailing the errors.

Administrator Response

Examine the job and server logs and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0109I: Probe completed successfully.**Explanation**

The Probe job has completed successfully. This is a strictly informational message

STA0110I: Probe completed with warnings.**Explanation**

The Probe job completed with warnings. The job log will contain warning messages detailing the warnings

Administrator Response

Follow the administrator response associated with the warning messages.

STA0111E: Unable to retrieve probe definition.**Explanation**

The server was unable to retrieve the probes definition from the repository. The job log or the server log will contain error messages detailing the errors.

Administrator Response

Examine the job and server logs and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0112E: Server did not accept probe results.**Explanation**

The server was unable to save the gathered probe statistics. The job log or the server log will contain error messages detailing the errors.

Administrator Response

Examine the job and server logs and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0113I: Probe started.

Explanation

The Probe job has started. This is a strictly informational message detailing the progress of the scan job.

STA0114E: INTERNAL ERROR.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0115W: Cannot connect to mountd to list exports: *error text*.

Explanation

Exports cannot be processed for this machine.

Administrator Response

Examine the error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0116W: RPC call *command fails: error text*.

Explanation

The specified RPC command failed. Exports cannot be processed for this machine.

Administrator Response

Examine the error text and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0117W: uptimePoll config parm is zero or undefined.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0118E: Cannot write *file name*.**Explanation**

An output command failed for the specified file. The job will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0119E: Cannot read *file name*.**Explanation**

The specified file could not be read. The job will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0121E: Cannot open *file name*.**Explanation**

The specified file could not be opened. The job will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0122E: IOCTL *command* failed on disk *disk path*.**Explanation**

The specified command failed on the specified disk. The probe will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0123E: Controller not found for disk *disk path*.**Explanation**

The controller was not found for the specified disk. The probe may be terminated, depending on operating system. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0125E: Cannot send SCSI command to *device path*.

Explanation

The specified device is not SCSI and cannot be processed. The probe will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Remove this computer from the probe job.

STA0129E: Cannot interpret sfdisk output.

Explanation

The contents of the output from the sfdisk command could not be understood. The probe will be terminated.

Administrator Response

Contact IBM customer technical support.

STA0130W: Cannot obtain capacity of disk *disk path*.

Explanation

The capacity of the specified disk could not be obtained. It will not be gathered.

STA0131E: System has no CPUs?

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0132W: GetVolumeInformation failed on *drive*.

Explanation

Volume information could not be obtained for the specified drive. The information will not be gathered. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0133W: Mount point *mount point* has unsupported filesystem (*filesystem name*).

Explanation

The specified filesystem is an unknown type. It cannot be processed.

STA0134W: Cannot obtain volume name for mount point *mount point*.

Explanation

The volume name for the specified mount point cannot be obtained. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0135W: Cannot get security info for *value*.

Explanation

The security information cannot be obtained for the specified file. Size statistics will not be gathered. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0136W: Cannot get size info for *file path*.

Explanation

The allocation size cannot be obtained for the specified file. Size statistics will not be gathered. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0137W: Cannot get stream info for *file path*.

Explanation

Stream information could not be obtained for the specified file. It will be ignored.

STA0138W: Cannot obtain MFT-entry size (1024 assumed) *mount point*.

Explanation

An error occurred in the call to obtain the MFT-entry size for the specified filesystem. The size is assumed to be 1024.

STA0139W: Path is too long: *value*.

Explanation

An internal error occurred.

Administrator Response

Contact IBM customer technical support.

STA0140E: Cannot open ROOT DIRECTORY.

Explanation

The root directory could not be opened. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0141E: Error enumerating ROOT DIRECTORY.

Explanation

There was an error while attempting to process the foreign partitions. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0142W: Error determining initiator (HBA: *instance*, Bus: *bus number*).

Explanation

An error occurred trying to find the specified initiator. It will be skipped. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0143I: *profile creator.profile name*: Filesystem *filesystem mount point* is FAT -- no user/group statistics gathered.

Explanation

User and group statistics cannot be gathered for FAT filesystems.

STA0144E: Error determining system memory.**Explanation**

The call to determine the size of system memory failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0145W: Error opening link *link*.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0146W: IOCTL *command* failed on meta-disk *path*.**Explanation**

The specified command failed on the specified meta-disk. It will be skipped. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0147W: Physical drive *path* not found -- component of *mount point*.**Explanation**

The specified disk was not found. It will be ignored.

STA0148W: Error enumerating mount points on *volume*.**Explanation**

The mount points could not be processed on the specified volume. They will be skipped. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0149W: No disk found with signature *signature*.**Explanation**

No disk was found with the specified signature. The disk will be skipped.

STA0150W: No partition with offset *offset* on disk *disk number*.

Explanation

No partition with the specified offset exists on the specified disk. The partition will be skipped.

STA0151W: Volume path is not of expected form. *path*.

Explanation

The specified volume path cannot be processed. It will be ignored.

**STA0152W: Partition *path* not found on disk *disk number* --
volume = *mount point*.**

Explanation

The specified partition was not found on the specified disk. It will be ignored.

STA0153W: Multiple paths to *path name* (*path name*).

Explanation

The specified volume group has multiple paths. It has already been processed. This is more informational than warning.

STA0154W: Cannot enumerate shares.

Explanation

Discovery was unable to find the shares for the domain. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

**STA0155W: Discovery was unable to find the Windows
computers for the domain.**

Explanation

Discovery was unable to find the Windows computers for the domain. The job log will contain error messages detailing the errors. Discovery of Windows machines must be run in a domain with proper authority

Administrator Response

Examine the error messages and determine what caused the error. Verify that this machine is in a Domain, can access the Domain Controller and has authority. If unable to determine the cause of the error contact IBM customer technical support.

STA0156E: Cannot determine own domain.**Explanation**

Discovery was unable to determine the local domain. The job log will contain error messages detailing the errors.

Administrator Response

Examine the error messages and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0157E: Agent is not running on Windows.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0158W: Error *error number* reported by device *device path*.**Explanation**

The specified error was reported by the specified device. The device will be skipped.

STA0159I: Disk Administrator has never run.**Explanation**

The Disk Administrator has never been run on this machine. Certain statistics cannot be gathered.

STA0160I: Scan results will be resent at agent startup.**Explanation**

The Scan job was unable to send the scan results to the server. The results will be saved and then resent to the server the next time the agent is started. No data will be lost.

STA0161I: Sending scan results to server.**Explanation**

This is a strictly informational message detailing the progress of the scan job.

STA0162I: Scan results accepted by server.**Explanation**

This is a strictly informational message detailing the progress of the scan job.

STA0165E: libIO error *error ID* : *error text*.

Explanation

The specified I/O error occurred.

Administrator Response

Examine the I/O error message and determine what caused the error. If unable to determine the cause of the error contact IBM customer technical support.

STA0166W: Hardware path unavailable -- class = *class name*.

Explanation

The specified hardware path was unavailable. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0168I: Device (*major ID*, *minor ID*) not found in *directory*.

Explanation

The specified device was not found. It will be ignored.

STA0169W: Device (*major ID*, *minor ID*) not found!

Explanation

The specified device was not found. It will be ignored.

STA0170E: nftw() failed.

Explanation

Volume Group processing failed. The probe will be terminated. This message will be proceeded by another message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that proceeds this message.

STA0171W: LVM_QUERYVG failed on *volume group name*.

Explanation

A LVM_QUERYVG failed on the specified volume group. The volume group will be skipped.

STA0172W: LVM_QUERYPVS failed on *volume group name*.

Explanation

A LVM_QUERYPVS failed on the specified volume group. The volume group will be skipped.

STA0173W: LVM_QUERYPV failed on PV *disk ID* of VG *volume group name*.

Explanation

A LVM_QUERYPV call failed for the specified physical volume. It will be ignored.

STA0174W: Device (*major ID*, *minor ID*) not found -- VG: *volume group name*.

Explanation

The specified disk was not found and will be ignored.

STA0175W: Volume Group *volume group name* includes removable-medium device (*major ID*, *minor ID*).

Explanation

The specified Volume Group contains the specified removable-medium device. It cannot be processed and will be ignored.

STA0176W: LVM_QUERYLVMAP failed on LV *logical volume number* of VG *volume group name*.

Explanation

A LVM_QUERYLVMAP call failed for the specified Logical Volume. It will be ignored.

STA0177W: Logical Volume *logical volume number* of Volume Group *volume group name* is empty!

Explanation

The specified Logical Volume is empty. It will be ignored.

STA0178W: Physical Volume *physical volume number* not found in Volume Group *volume group name*.

Explanation

The specified Physical Volume could not be found. It will be ignored.

STA0179W: Cannot stat L.V. *logical volume path*.

Explanation

Statistics could not be gathered for the specified logical volume. It will be ignored.

STA0180W: Invalid Logical Volume: *logical volume path*.

Explanation

The specified logical volume could not be processed.

**STA0181W: No path to L.V. *logical volume number of V.G.*
*volume group path.***

Explanation

No path was found to the specified logical volume. It will be ignored.

STA0182W: Cannot retrieve per-processor structure.

Explanation

The information about the system's processors could not be obtained. The processor speed statistic will not be filled in.

STA0183W: Swap Logical Volume (*major ID, minor ID*) not found.

Explanation

The specified Swap Logical Volume was not found. It will be ignored.

STA0184I: ODM error *error ID* : *error text*.

Explanation

The specified ODM error has occurred.

Administrator Response

Have an AIX system administrator examine the error to determine the cause. If the cause cannot be determined contact IBM customer technical support.

STA0185E: odm_mount_class(*ODM command*) failed.

Explanation

The specified command to odm_mount_class failed. The device being processed will be skipped. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0186E: Query CuDv failed.

Explanation

The ODM Query CuDv call failed. The probe will terminate. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0188E: odm_open_class failed.**Explanation**

The odm_open_class call failed. The probe will terminate. This message will be followed by a message detailing the error.

Administrator Response

Follow the administrator response associated with the error message that follows.

STA0189W: Cannot retrieve driver info for *value*.**Explanation**

The job cannot retrieve driver information for the specified driver. The controller being processed will be skipped.

STA0190W: Driver not found: *driver name*.**Explanation**

The specified driver could not be found. The controller being processed will be skipped.

STA0191W: Cannot open message catalog *controller message catalog name*.**Explanation**

The specified message catalog could not be opened. The driver description for the controller being processed will not be set.

STA0192I: *controller message catalog name*: Message (set number, message number) not found.**Explanation**

The driver description for a controller was not found. It will be ignored.

STA0193W: Cannot open controller *controller name*.**Explanation**

The specified controller cannot be processed. It will be skipped

STA0194W: IOCTL *command type* failed on controller *controller name*.**Explanation**

The specified command failed for the specified controller. The controller type will be set to unknown.

STA0195W: IDE device found: *device name*.**Explanation**

The specified device is IDE. Certain statistics cannot be gathered for IDE devices.

STA0196I: Unsupported request reported by device *value*.

Explanation

A device command was issued that is unsupported. This message will be proceeded by another message detailing the error.

Administrator Response

Follow the administrator response associated with the proceeding error message.

STA0197W: SCIOINQU failed on controller Page = VPD page number ID = target ID LUN = LUN.

Explanation

A SCIOINQU inquiry failed on the specified controller. Identification for the device cannot be obtained so it will be generated.

STA0198W: Device *device name* did not properly identify itself.

Explanation

The specified disk could not be processed because its unique ID could not be determined.

STA0199W: Error reading boot-sector of disk *disk name*.

Explanation

The probe job had an error reading boot-sector of disk. The disk's unique ID could not be determined and it was skipped.

STA0200I: Disk *device path* appears foreign.

Explanation

The specified disk could not be processed because its unique ID could not be determined.

STA0201I: Disk *device path* has invalid PVID.

Explanation

The specified disk could not be processed because its unique ID could not be determined.

STA0202I: Logical Volume Manager error *error code*.

Explanation

An error has occurred while using the Logical Volume Manager. This message will be proceeded by another message detailing the error.

Administrator Response

Follow the administrator response associated with the proceeding error message.

STA0203E: Cannot connect to Logical Volume Manager.**Explanation**

The probe was unable to connect to the Logical Volume Manager. The job will terminate.

Administrator Response

Contact IBM customer technical support.

STA0204W: Error querying volume group *volume group*.**Explanation**

An error occurred querying the specified volume group. It will be skipped.

STA0205W: Error querying logical volume *volume*.**Explanation**

An error occurred querying the specified logical volume. It will be skipped.

STA0206W: Physical volume not found -- ID = *volume ID*.**Explanation**

The specified physical volume was not found. It will be skipped.

STA0207W: Error querying physical volume ID = *volume ID*.**Explanation**

The specified physical volume could not be processed. It will be skipped.

STA0208W: *logical disk path* is marked for use as paging, but is not used that way.**Explanation**

The specified logical disk is marked for use as paging, but is not used that way.

Administrator Response

No action is required. If desired you may want to examine your system to be sure it is set up the way you intend

STA0209W: *logical disk path* is used for paging, but is not marked for that use.**Explanation**

The specified logical disk is being used for paging, but is not marked for that use.

Administrator Response

No action is required. You might want to examine your system to be sure it is set up appropriately.

STA0210E: mntctl() failed.**Explanation**

An attempt to acquire memory failed.

Administrator Response

The memory limit for Java should be increased. Contact IBM customer technical support if you would like information on how to change the Java startup parameter.

STA0211E: mntctl() returned zero but did not want more memory.**Explanation**

An attempt to acquire memory failed.

Administrator Response

The memory limit for Java should be increased. Contact IBM customer technical support if you would like information on how to change the Java startup parameter.

STA0212W: ODM attribute not found: (*device name, attribute name*).**Explanation**

The specified attribute was not found for the specified device during the probe. That attribute information will not be collected

STA0213W: Query lpp failed.**Explanation**

Query lpp failed

STA0214I: No SCSI disks found.**Explanation**

No SCSI disks were found during the probe.

STA0215I: No IDE disks found.**Explanation**

No IDE disks were found during the probe.

STA0216E: No disks found.**Explanation**

No disks were found during the probe. The probe will terminate.

Administrator Response

Contact IBM customer technical support.

STA0217E: cfdisk() exited with status *status*. stderr follows:*system error messages.*

Explanation

The probe job failed with the specified status and error messages

Administrator Response

Examine the error messages. If unable to determine the cause of the problem contact IBM customer technical support.

STA0218E: Error querying package *package name*.

Explanation

An error occurred while probing a Solaris machine. The specified package was the problem.

Administrator Response

Contact IBM customer technical support.

STA0219W: Package *package name* in non-standard location *directory path*.

Explanation

The specified package was found in an unexpected directory.

STA0222E: vol_open() failed -- Veritas error *value value*.

Explanation

Veritas volume open failed.

Administrator Response

Contact IBM customer technical support.

STA0223E: dg_getconfig_all() failed -- Veritas error *value value*.

Explanation

General Veritas command failure.

Administrator Response

Contact IBM customer technical support.

STA0224W: Attribute *attribute type* of device *device name* is funny: *attribute value*.

Explanation

The specified hardware attribute for the specified device is unknown. It will be ignored.

STA0225W: command failed on device *device addr* = (*id*, *LUN*).

Explanation

General SCSI command failure.

STA0226W: Disk not found: *disk path*.

Explanation

The specified disk could not be found. It will be skipped.

STA0227W: VRTSvxvm managing removable disk: *disk path*.

Explanation

Removable disks are not processed. It will be skipped.

STA0228W: Chunk not found: *chunk path*.

Explanation

The specified chunk could not be found. It will be skipped.

STA0229W: Plex *plex name*: Cannot find volume *plex volume name* (*RID* = *plex RID*).

Explanation

The specified plex cannot be processed. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0230W: Sub-Disk *subdisk name*: Volume not found -- *RID* = *subdisk RID*.

Explanation

The specified subdisk cannot be processed. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0231W: Sub-Disk *subdisk name*: Cannot find plex *subdisk plex name* (RID = *subdisk RID*).

Explanation

The specified subdisk cannot be processed. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0232W: Alas! Volume *Veritas volume* has multiple sub-disks. Parent 1 = *Veritas volume* Parent 2 = *Veritas volume*.

Explanation

The specified volume cannot be processed. It will be skipped.

STA0233W: Volume *Veritas volume* was not top-level, after all. (RID = *RID number*).

Explanation

The specified volume cannot be processed. It will be skipped.

STA0234W: Alas! Parent volume *Veritas volume* is not top-level.

Explanation

The specified volume cannot be processed. It will be skipped.

STA0235W: Sub-Disk *subdisk record name*: Cannot find disk *disk media name* (RID = *disk media or volume rid*).

Explanation

The disk for the sub disk could not be found. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0236W: No parent found for sub-volume *Veritas volume* (RID = *RID number*).

Explanation

No parent found for the specified sub-volume. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0237W: Volume *Veritas* volume has no data plexen.

Explanation

The product is unable to process the specified volume. It will be skipped.

Administrator Response

No action is required. If desired you may want to examine your Veritas configuration.

STA0238W: Sub-Volume *Veritas* volume has striped plex -- classifying as concatenated.

Explanation

The specified volume has striped plex. It will be processed in the same manner as a concatenated volume.

STA0239W: Alas! Found mirrored layered volume *Veritas* volume.

Explanation

The product cannot process a mirrored layered volume. It will be skipped.

STA0240W: Found RAID-5 layered volume *Veritas* volume -- classifying as striped.

Explanation

The specified volume is a RAID-5 layered volume. It will be processed in the same manner as a striped volume.

STA0242I: *error description.*

Explanation

This message will be proceeded by another message detailing the error.

Administrator Response

Use this message along with the proceeding message's administrative response.

STA0243I: Loading *Veritas* library.

Explanation

The server will attempt to load the specified version of Veritas.

STA0244W: Cannot determine Veritas host name.

Explanation

The server was unable to determine the Veritas host name by reading the Veritas boot file.

STA0245E: Unable to retrieve Discovery definition.**Explanation**

The server encountered errors while attempting to fetch the Discovery job definition from the repository. The server log will detail the cause of the errors.

Administrator Response

Examine the server log. If unable to determine the cause of the errors contact IBM customer technical support. If the cause can be determined resubmit the Discovery job.

STA0246I: Discovery started.**Explanation**

The Discovery job has begun processing.

STA0247E: Cannot load NetWare client.**Explanation**

The Discovery job could not load the NetWare client. Discovery could not run. This message will be proceeded by messages detailing the error.

Administrator Response

Examine the error messages. If unable to determine the cause of the load failure contact IBM customer technical support.

STA0248W: Cannot enumerate shares on *computer name*.**Explanation**

The exports for the specified server could not be processed. That machine will be skipped.

STA0249I: Sending results to server.**Explanation**

The Discovery job will begin sending results to server.

STA0250I: Server saved results.**Explanation**

The job results were saved by the server.

STA0251E: Results not saved.**Explanation**

The job results cannot be saved at this time. If this message is followed by message STA0255I refer to that message. If not, the job log will contain error messages detailing the warnings.

Administrator Response

If message STA0255I does not appear examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0252I: Discovery completed successfully.

Explanation

The Discovery job completed successfully.

STA0253I: Discovery completed with WARNINGS.

Explanation

The Discovery job completed with warnings. The job log will contain error messages detailing the warnings.

STA0254I: Discovery completed with ERRORS.

Explanation

The Discovery job completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0255I: Results will be resent at agent startup.

Explanation

The job results cannot be saved at this time. They will be resent when the agents starts up and no data will be lost.

STA0256I: Local probe will not run.

Explanation

Only the NAS filer will be probed.

STA0257I: Scan completed with warnings.

Explanation

The scan job completed with warnings. The job log will contain error messages detailing the warnings.

STA0258W: Unexpected filename *file name*.

Explanation

The specified file name was not in the expected format. That controller cannot be processed.

STA0259E: Error parsing *file name* -- no start-of-drives.

Explanation

The output of the command issued to gather the disk statistics did not include the disk information. The disks cannot be processed.

Administrator Response

Contact IBM customer technical support.

STA0260E: Error parsing *file name* -- no controller signature.

Explanation

The output of the command issued to gather the controller statistics did not include the controller signature. That controller cannot be processed.

Administrator Response

Contact IBM customer technical support.

**STA0261E: cpqarray instance *controller number*: unparseable
line: *output line*.**

Explanation

The output of the command issued to gather the disk statistics was not understood. That disk cannot be processed.

Administrator Response

Contact IBM customer technical support.

**STA0262W: cpqarray instance *controller number*: missing blksz:
output line.**

Explanation

The output of the command issued to gather the disk block size statistic was not understood. The statistic cannot be gathered.

**STA0263W: cpqarray instance *controller number*: missing
nr_blks: *output line*.**

Explanation

The output of the command issued to gather the disk capacity statistic was not understood. The statistic cannot be gathered.

STA0264W: QueryDosDevice(*disk*) failed.

Explanation

An operating system call to determine certain disk properties failed. The disk will be treated as the most prevalent type.

STA0265W: No lines returned by *command*.

Explanation

Nothing was returned by the command issued to gather the CPU speed statistic was not understood. The statistic cannot be gathered.

STA0266W: Cannot parse output of *command command output*.

Explanation

The output of the command issued to gather the CPU speed statistic was not understood. The statistic cannot be gathered.

STA0267W: No header line found in prtdiag output -- Model = *computer model*.

Explanation

The line containing the CPU speed (returned from the specified computer's operating system) is not present. The statistic cannot be gathered.

STA0268W: Header line is last line of prtdiag output-- Model = *computer model*.

Explanation

The line containing the CPU speed (returned from the specified computer's operating system) is not present. The statistic cannot be gathered.

STA0269W: Line does not have enough fields: *computer model*.

Explanation

The line containing the CPU speed (returned from the specified computer's operating system) is not understood. The statistic cannot be gathered.

STA0270W: Non-numeric CPU speed: *computer model*.

Explanation

The CPU speed returned from the specified computer's operating system is non-numeric. The statistic cannot be gathered.

STA0271E: Unsupported VERITAS version *version*.

Explanation

IBM Tivoli Storage Productivity Center for Data does not support the specified VERITAS version.

Administrator Response

The versions supported are listed in the Systems Requirements section of the install guide.

STA0272W: VPD page 0x83 identifier is unexpected length.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0273W: VPD page 0x83 identifier is too short.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0274E: No probes succeeded.

Explanation

The probes failed and processing will be terminated. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0275I: Volgroup *volgroup name* -- Logical Volume *volume number* has no extents.

Explanation

The specified Logical Volume has no extents, so it will not be used in processing.

STA0276E: Argument to ExecFSExtend must be non-negative integer.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0277E: Unable to retrieve Extension Policy definition.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0278I: File System Extension aborted.

Explanation

The File System Extension job has failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0280E: Extension Policy definition empty or not of correct type.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0282W: Filesystem already under extension. Extension request disregarded: *filesystem name*.

Explanation

Another extension job is currently processing this filesystem.

STA0283E: FSExtend ERROR.

Explanation

An extension error has occurred while processing a provisioning request. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0284E: localProbe ERROR.

Explanation

A probe has failed while processing a provisioning request. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0285W: Filesystem extension is not needed. Extension request disregarded: Filesystem = *filesystem name*.

Explanation

The specified filesystem has been analyzed and no extension is needed.

STA0286E: Filesystem Maximum Capacity limit prevents Filesystem extension. Filesystem will be removed from Policy. Extension request disregarded.

Explanation

Look at the filesystem and determine if the Maximum Capacity Limit set for the filesystem is correct. If the filesystem has reached largest size you want, then no action required. If the filesystem should be allowed to grow further, then create a new Policy for this filesystem and specify a higher Maximum Capacity Limit.

Administrator Response

Examine which applications or users are using up the space in the filesystem and adjust as necessary.

STA0287W: Filesystem extension request disregarded, extension Policy is invalid: Filesystem = *filesystem name*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0288I: File System Extension completed successfully: Filesystem = *filesystem name*.

Explanation

The Extension LUN Provisioning job has completed successfully for the specified filesystem.

STA0289I: File System Extension LUN Provisioning completed successfully: Filesystem = *filesystem name*.

Explanation

The Extension LUN Provisioning job has completed successfully for the specified filesystem.

STA0295I: Filesystem *filesystem name* was successfully deleted from extension Policy.

Explanation

An error has occurred and the specified filesystem deleted from the extension policy. This message will be proceeded by message STA0283E, which will detail the cause of the error.

Administrator Response

Follow the administrator response associated with message STA0283E.

STA0296E: Unable to delete Filesystem *filesystem name* from Extension Policy.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0297E: Error, unable to provision LUN.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0298E: Error, LunProvResp object empty or not of correct type.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STA0299I: Log only run within Volume Group for Filesystem *filesystem name* was completed successfully. Filesystem was not extended.

Explanation

A log only provisioning job was run against the specified filesystem. It completed successfully. No extension was performed at this time.

STA0300I: Log only run using LUN Provisioning for Filesystem *filesystem name* was completed successfully. Filesystem was not extended.

Explanation

A log only provisioning job was run against the specified filesystem. It completed successfully. No extension was performed at this time.

STA0301W: To prevent runaway condition, we have removed the Filesystem *filesystem name* from the policy, please fix the problem and add the Filesystem back to the policy.

Explanation

This condition indicates that the filesystem policy is not completing properly. If the policy were left to continue running, it would repeatedly fail, and probably create unusable space repeatedly. In order to prevent this condition, the filesystem is removed from the policy.

Administrator Response

Review the log to determine which filesystem was removed from the policy. Look at the host which has this filesystem on it, and determine why the added LUNs could not be incorporated into the filesystem as free space. Correct the problem, assign the LUNs that were created by not incorporated, and ensure that the freespace is available in the filesystem. Then if you would like to continue automatic extension and provisioning, add the filesystem back to the policy.

STA0302E: Provisioned LUNs are not found in the host for Filesystem *filesystem name*.

Explanation

A request was made to provision LUNs for the specified filesystem and the request failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0303I: LUN Provision Message:

Explanation

LUNs were provisioned for the requested filesystems. The informational messages detailing the provisioning will follow.

STA0304I: LUN Provision *informational message*.

Explanation

LUNs were provisioned for the requested filesystems. The informational message details the provisioning details.

STA0305E: Error, No LUNs were provisioned for Filesystem *filesystem name*.

Explanation

A request was made to provision LUNs for the specified filesystem and the request failed. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA0339I: Discovery started for domain *Windows_domain*

Explanation

The agent has started a NAS discovery for the specified Windows computer.

STA0340I: Querying host number *current_number* out of *total_number*

Explanation

This message indicates the progress in querying the discovered computers/NAS filers.

STA0341I: NetWare discovery started

Explanation

The agent has started discovery of NetWare servers.

STA0350W: Veritas volume manager is installed but not up and running.

Explanation

Veritas volume manager is installed but not up and running. Veritas volume configuration daemon (vxconfigd) is not enabled.

Administrator Response

In order for Data agent probe to collect information on VxVM and VxFS, Veritas volume manager must be up and running. Please verify Veritas volume configuration daemon (vxconfigd) is enabled.

STA0500E: /etc/redhat-release File Not Found

Explanation

/etc/redhat-release does not exist on your Operating system

STA0630E: /proc/devices: No Block devices section.

Explanation

The /proc/devices file does not have a block devices section.

Administrator Response

Contact your System Administrator for more information.

STA0631E: *device* is not block-special.

Explanation

The specified device is not a block-special device.

Administrator Response

Contact your System Administrator for more information.

STA0632W: *device* is SCSI, but does not start with sd.

Explanation

The specified device is a SCSI device that does not start with sd.

Administrator Response

Contact your System Administrator for more information.

STA0633W: No SG device found for *device*.

Explanation

No corresponding SG device is found for specified device.

Administrator Response

Contact your System Administrator for more information.

STA0634W: Unable to interpret *device*.

Explanation

Unable to interpret the specified device.

Administrator Response

Contact your System Administrator for more information.

STA0635W: Uninterpretable line from /proc/scsi/sg/version: *line*.

Explanation

Unable to interpret the specified line in /proc/scsi/sg/version file.

Administrator Response

Contact your System Administrator for more information.

STA0636E: odm_set_path(*ODM command*) failed.

Explanation

The specified command to odm_set_path failed. Unable to set the default path for locating object classes from Object Data Manager.

Administrator Response

Contact your System Administrator for more information.

STA2000I: Starting Batch Report *report creator.report name*.

Explanation

The Batch Report has started processing.

STA2001I: Writing report to file: *file name*.

Explanation

The batch report will write the report to the specified file.

STA2002I: *number of lines* report lines were written.

Explanation

The batch report completed and the specified number of report lines were written.

STA2003I: Report completed successfully.

Explanation

The Batch Report completed successfully.

STA2004E: Unable to retrieve computer information.

Explanation

Unable to retrieve computer information.

Administrator Response

Contact IBM customer technical support.

STA2005W: Unable to delete partitioned report file.

Explanation

The server was unable to delete a partitioned report file after a batch report completed. The partitioned report file contains data for a report that is too large to send to the agent in one part.

STA2006I: 1 report line was written.

Explanation

The batch report completed and one report line was written.

STA2007I: Report completed with warning(s).**Explanation**

The batch report completed with warnings. The job log will contain error messages detailing the warnings.

STA2008I: Report completed with error(s).**Explanation**

The batch report completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STA2009E: Could not find class *Java program name*.**Explanation**

A Batch Report failed because the specified Java program was not found.

Administrator Response

Contact IBM customer technical support.

STA2010E: Report failed with I/O error: *i/o error message*.**Explanation**

A Batch Report failed with the specified I/O error.

Administrator Response

Examine the I/O error message. If you are unable to correct the problem contact IBM customer technical support.

STA2011E: Unable to load or instantiate handler: *Java program name*.**Explanation**

The specified Java program was not found.

Administrator Response

Contact IBM customer technical support.

STG0006W: No asset report data is available for the requested topology entity.**Explanation**

There is no asset report data in the database repository for the entity you selected.

Administrator Response

Investigate the status of the data agent on the missing entity.

STG0007W: No report data is available for the requested topology entities. All available entities have been selected for this report.**Explanation**

There is no report data in the database repository for the topology entities you selected, so the report has reverted to the default where all available entities are selected. The topology entities you selected will not appear in the report.

Administrator Response

Investigate the status of the data agent on the missing entity.

STG0008W: Some of the requested topology entities have no repository entry.**Explanation**

There is no entry in the database repository for one or more of the topology entities you selected. Only entities that are in the repository will appear in the report.

Administrator Response

Investigate the status of the data agent on the missing entity.

STG1305E: Duplicate alias name {0} not allowed.**Explanation**

Duplicate alias name found.

Administrator Response

Use different alias name.

STG3043E: Too few bytes for primitive node (pos = {0}).**Explanation**

Too few bytes for primitive node (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3044E: Illegal column code (pos = {0}).

Explanation

Illegal column code (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3045E: Illegal operator (pos = {0}).

Explanation

Illegal operator (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3046E: Invalid column/operator pairing (pos = {0}).

Explanation

Invalid column/operator pairing (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3047E: TIMESTAMP: Illegal sign (pos = {0}).

Explanation

TIMESTAMP: Illegal sign (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3048E: TIMESTAMP: Not enough data (pos = {0}).

Explanation

TIMESTAMP: Not enough data (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3049E: STRING: Not terminated (pos = {0}).

Explanation

STRING: Not terminated (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3050E: FOUR_BYTES: Not enough data (pos = {0}).

Explanation

FOUR_BYTES: Not enough data (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3051E: SIZE_T: Not terminated (pos = {0}).

Explanation

SIZE_T: Not terminated (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3052E: SIZE_T: Invalid scale (pos = {0}).

Explanation

SIZE_T: Invalid scale (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3053E: STRING: Empty (pos = {0}).

Explanation

STRING: Empty (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3054E: IN: Not terminated (pos = {0}).

Explanation

IN: Not terminated (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3055E: IN: Bad terminator (pos = {0}).

Explanation

IN: Bad terminator (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3060E: FILE_TYPE: Invalid type-code (pos = *position*).

Explanation

FILE_TYPE: Invalid type-code (pos = {0}).

Administrator Response

Contact IBM customer technical support.

STG3061E: A Windows-style path cannot be used with this match-type. Select fully-qualified path if that is what you mean.

Explanation

A pattern such as D:/ has been entered. This is considered the start of a fully-qualified path.

Administrator Response

Select fully-qualified path or change the match-type.

STG3062E: This match-type requires the search-string to start with either / (for UNIX) or a pattern such as D:/ (for Windows or NetWare).

Explanation

The specification of fully-qualified path requires a search-string to be a fully qualified path: a string that starts with either / (for UNIX) or a pattern such as D:/ (for Windows or NetWare).

Administrator Response

Enter a fully-qualified path or select another match-type.

STG3126E: No directories are defined.

Explanation

An attempt has been made to save a directory group definition. No directories were selected.

Administrator Response

Select the desired directories.

STG3127E: The definition does not specify anything to gather.

Explanation

An attempt has been made to save a profile definition. No statistics were selected.

Administrator Response

Select at least one statistic to gather.

STG3128E: A field was checked, but nothing entered.

Explanation

An option that requires a value to be specified was selected. No value was supplied.

Administrator Response

Supply a value for the option or uncheck the option.

STG3139E: No filesystems are defined.

Explanation

An attempt has been made to save a scheduled job definition. No filesystems (or other object that contains filesystems such as a computer) have been selected.

Administrator Response

Select the desired filesystems.

STG3156E: The group's definition is empty.

Explanation

An attempt has been made to save a group definition. No resources have been selected.

Administrator Response

Select the resources you would like in the group.

STG3170E: The constraint's filter is empty.

Explanation

All File Filter Text has been deleted from the Options tab of a constraint.

Administrator Response

Add text by using the Edit Filter button on the Options tab or selecting File Types on the File Types tab.

STG3195E: No *object types* are selected.

Explanation

An attempt has been made to save a quota definition. No resources have been selected.

Administrator Response

Select the resources you would like to run the quotas against.

STG3236E: A rule must be supplied.**Explanation**

An attempt to save an empty quota e-mail rule set was performed. At least one e-mail rule must be supplied.

Administrator Response

Add at least one rule.

**STG3252E: At least one of the following must be present:
Default Filesystem Group Default Computer Group All
Filesystems.****Explanation**

The default scan is being saved. Its definition must always include one of the specified selections.

Administrator Response

Select at least one of the following: Default Filesystem Group, Default Computer Group, All Filesystems.

STG3253E: No name was provided for the script.**Explanation**

A scheduled job definition is being saved that will run a script. No name was provided for the script.

Administrator Response

Enter a name for the script.

STG4020E: A condition value must be supplied.**Explanation**

The Value field in the Triggering Condition section of the Alert tab is empty.

Administrator Response

Specify a valid value for triggering the alert.

STG4037E: No filesystems have been selected.**Explanation**

An attempt has been made to save a scheduled job definition. No filesystems (or other object that contains filesystems such as a computer) have been selected.

Administrator Response

Select the desired filesystems.

STG4048E: No resources have been selected.**Explanation**

An attempt has been made to save a scheduled job definition. No resources (the underlying object of the job - generally the first tab in the edit session) have been selected.

Administrator Response

Select the desired resources.

STG4084E: From time must be less than To time.**Explanation**

The time range for a report must consist of a starting (From) time and an ending (To) time. The starting time must be earlier than the ending time.

Administrator Response

Specify a correct time range.

STG4116E: Internal error. Graph legends HashMap missing.**Explanation**

An internal error occurred while generating a report chart.

Administrator Response

Contact IBM customer technical support.

STG4158E: Unable to fetch data for report: *report title*.**Explanation**

An SQL error occurred while attempting to fetch the data for the specified report. This message will be associated with messages describing the SQL error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed regenerate the report.

STG4204E: Constraint definition exceeds maximum size of 64K. This problem can typically be corrected by selecting fewer users.**Explanation**

The internal definition of the constraint has exceeded the maximum size allowed.

Administrator Response

Break the constraint up into two or more as needed.

STG4223E: The Extend filesystems regardless of remaining freespace option on the Extension tab cannot be chosen in combination with the Enforce Policy after every Probe or Scan option on the When to Enforce Policy tab.

Explanation

The unconditional extension of filesystems after every probe or scan is not permitted.

Administrator Response

Select the Extend Filesystems when Freespace is less than option or go to the When to Enforce Policy tab and select the Enforce Policy Now or Enforce Policy Once option.

STG5011L: No *objects* exist to report on.

Explanation

No objects of the specified type exist in the repository.

Administrator Response

Include the objects in a scan or probe to populate the repository.

STG5038L: At least one *object type* must be selected.

Explanation

At least one item from the selection list must be selected to generate a report.

Administrator Response

Select the desired items.

STG5156L: A report type has not been specified.

Explanation

A report type has not been specified in the Report Type Specification section.

Administrator Response

Select a report type.

STG5158E: An Agent computer has not been specified.

Explanation

A computer has not been specified to run the batch report.

Administrator Response

Select a computer from Agent Computer Specification box.

STG5159E: A file mask has not been specified.**Explanation**

The Output File Specification mask field is empty.

Administrator Response

Enter a valid file mask.

STG5168L: An incomplete bracketed parameter was found in the file mask.**Explanation**

The Output File Specification mask contains a parameter that is not complete. The opening bracket is present but the closing bracket is not.

Administrator Response

Enter a complete parameter. The acceptable parameters are listed below the mask field.

STG5169L: An unknown parameter was found in the file mask - *parameter*.**Explanation**

The Output File Specification mask contains an unrecognized parameter. The acceptable parameters are listed below the mask field.

Administrator Response

Remove the unknown parameter.

STG5261L: A History report is specified and the report type has been changed. Please check the Report Type Specification to make sure it is correct.**Explanation**

The report type has been changed on the Report tab. The Report Type Specification has already been set to choose a History report. Not all reports support history.

Administrator Response

Check the Options tab to make sure that history reporting is enabled. If not, choose another type of reporting.

STG5265E: A value must be entered for max violating file names.**Explanation**

A value must be entered for max violating file names.

Administrator Response

Enter a number between 1 and 32767.

STG5266E: Max violating file names limit must be 32767 or less.

Explanation

The maximum number of violating file names to be saved per agent is 32767. A number greater than that has been specified.

Administrator Response

Reduce the number to 32767 or less.

STG5567E: Chart reporting requires at least a release 2.1 agent. Agent *agent name* is not at this release level.

Explanation

You have selected a PDF or HTML chart to be the output of your batch report. This type of batch report must be run on an agent that is at least release 2.1 of the product. The specified agent computer that you have selected is at an earlier release level.

Administrator Response

Select a new agent from the combo box. When one of the chart buttons is selected all agents displayed are at release 2.1 or higher.

STG8769E: No policies have been selected. Select at least one policy in order to save this analysis.

Explanation

You must select policies in order to create an analysis.

Administrator Response

Select at least one policy before saving the analysis.

STG8810E: There is at least one selected policy with missing parameter value(s). Enter values for the parameters of the selected parametric policies.

Explanation

You need to enter values for the parameters of the selected policies.

Administrator Response

Enter the parameter values for the selected parametric policies.

**STG8811E: The selected fabric does not exist any more.
Select a different scope for this analysis.**

Explanation

The selected scope of this analysis is a fabric that does not exist.

Administrator Response

Change the scope of this analysis.

**STG8812E: The selected zoneset does not exist any more.
Select a different scope for this analysis.**

Explanation

The selected scope of this analysis is a zoneset that does not exist

Administrator Response

Change the scope of this analysis.

**STG9127W: The selected fabric is in the missing state. No
zone information is available for this fabric. Hence, the
selected policies which need zone informaton for evaluation
will not return any policy violations. Do you want to continue?**

Explanation

The selected fabric in the scope is in missing state. No zone information is available for this fabric. Hence, the selected policies which need zone informaton for evaluation will not return any policy violations.

Administrator Response

Select 'Yes' to perform analysis with missing fabric in scope. Or else, select 'No' and then specify a different scope for this analysis.

STS

**STS0001I: IBM Tivoli Storage Productivity Center for Data
service provider started. Config file: *file name*.**

Explanation

The IBM Tivoli Storage Productivity Center for Data service provider started and is using the specified configuration file.

**STS0002I: IBM Tivoli Storage Productivity Center for Data
service provider shutting down.**

Explanation

The IBM Tivoli Storage Productivity Center for Data service provider is shutting down.

STS0003E: Unable to parse configuration file. Config file: *file name*.

Explanation

The configuration file parser could not process the specified file. Associated messages will detail the cause of the errors.

Administrator Response

Follow the administrator response associated with the associated error messages.

STS0004E: Unrecognized section name [*section name*].

Explanation

The configuration file parser did not recognize the specified section name. Associated messages will give the name of the incorrect configuration file.

Administrator Response

Find the specified section name in the proper configuration file. Delete or replace the section name. Refer to the product documentation for the proper syntax.

STS0005E: Unexpected end of file encountered.

Explanation

The configuration file parser expected more values. Associated messages will give the name of the incorrect configuration file.

Administrator Response

Examine the proper configuration file. Correct the syntax. Refer to the product documentation for the proper syntax.

STS0006E: Unrecognized token - *token*.

Explanation

The configuration file parser did not recognize the specified token. Associated messages will give the name of the incorrect configuration file.

Administrator Response

Find the specified token in the proper configuration file. Delete or replace the token. Refer to the product documentation for the proper syntax.

STS0007E: Invalid value specified for keyword *keyword* in section [*section*].

Explanation

An out of range value was found for the specified configuration file keyword. The keyword was found in the specified section (for example gui, server). Associated messages will give the name of the incorrect configuration file.

Administrator Response

Find the specified keyword in the proper configuration file. Enter a value within the accepted range for the keyword. Refer to the product documentation for the proper ranges.

STS0008E: Unrecognized keyword *keyword* encountered in section [*section*].

Explanation

The specified configuration file keyword was not recognized. The keyword was found in the specified section (for example gui, server). Associated messages will give the name of the incorrect configuration file.

Administrator Response

Find the specified keyword in the proper configuration file. Correct or delete the keyword.

STS0009E: SQL error. Unable to fetch file systems for scan scheduleID: *schedule ID*.

Explanation

An SQL error while attempting to fetch the file systems for the specified scan. This message will be associated with messages describing the SQL error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scan that caused the error.

STS0010E: SQL error during *phase* phase of T_RES_ATTRIBUTES table query.

Explanation

An SQL error occurred while processing an internal request. This message will be associated with messages describing the SQL error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed redo the operation which caused the error.

STS0014E: Unable to fetch statistic definition. Row not found. Statistic ID: *ID number*.

Explanation

The specified profile no longer exists.

Administrator Response

No action is required. If desired, check the profiles in the scan definition to be sure they collect the statistics you want.

STS0017E: SQL error during *select/insert*. Unable to determine ID for user/group *null/name*.

Explanation

An SQL error occurred while attempting to determine the repository ID for the specified user or group. This message will be associated with messages describing the SQL error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scheduled job that caused the error.

STS0025E: Unable to save/update history statistics.

Explanation

An SQL error occurred while attempting to save or update history statistics. This message will be followed by messages describing the error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scheduled job that caused the error.

STS0027E: Unable to age off older history data.

Explanation

An SQL error occurred while attempting to delete history data that is no longer needed. This message will be followed by messages describing the error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scheduled job that caused the error.

STS0028E: Unable to add zero space usage statistics.

Explanation

An SQL error occurred while attempting to update one of the history tables. This message will be followed by messages describing the error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scheduled job that caused the error.

STS0029E: Unable to fetch from T_STORM_SETTINGS, row not found.

Explanation

The repository row which describes the product-wide preferences could not be found. It is inserted at install and must always be present.

Administrator Response

Contact IBM customer technical support.

STS0030E: Unable to generate *weekly/monthly* space usage averages.

Explanation

An SQL error has occurred while the Aggregator was generating the specified space usage averages. This message will be associated with messages describing the SQL error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the Aggregator.

STS0031I: Generating *weekly/monthly* space usage averages.

Explanation

The Aggregator is about to begin generating the specified space usage averages. This is an informational message used to display the progress of the Aggregator.

STS0032I: Successfully added *weekly/monthly* space usage averages.

Explanation

The Aggregator has completed generating the specified space usage averages. This is an informational message used to display the progress of the Aggregator.

STS0033E: Unable to acquire repository identifiers for new storage resources.

Explanation

An SQL error has occurred while trying to read the current repository identifier number. This message will be followed by messages describing the error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support. If the problem can be fixed rerun the scheduled job that caused the error.

STS0034E: ICMP protocol is unknown.**Explanation**

The scheduled ping job was unable to open an ICMP socket.

Administrator Response

Contact IBM customer technical support.

STS0035E: Unable to open ICMP socket.**Explanation**

The scheduled ping job was unable to open an ICMP socket.

Administrator Response

Contact IBM customer technical support.

STS0036E: Host *host name* is unknown. Ping failed.**Explanation**

The specified host is unknown to the server. The ping could not be performed.

Administrator Response

Perform an O/S ping from the server to see if the host is really unknown. If it can be pinged contact IBM customer technical support.

STS0037E: Ping receive failed. Host: *host name*.**Explanation**

The specified agent could not be reached while performing a ping.

Administrator Response

Start the agent. If the problem happens while the agent is up contact IBM customer technical support.

STS0038E: Ping select failed. Host: *host name*.**Explanation**

The specified agent could not be reached while performing a ping.

Administrator Response

Start the agent. If the problem happens while the agent is up contact IBM customer technical support.

STS0039E: Ping unable to send packet. Host: *host name*.**Explanation**

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STS0043E: Unable to process ping schedule *schedule creator.schedule name* Invalid or missing command line arguments.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STS0044E: Ping schedule *schedule creator.schedule name* completed with errors.

Explanation

The specified ping schedule completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STS0045E: Unable to save ping statistics to the repository.

Explanation

While terminating, the server was unable to save some ping statistics to the repository.

Administrator Response

No action is required. The statistics will be written to a file and saved to the repository when the server is brought back up.

STS0046E: Unable to save ping statistics to *file name*.

Explanation

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be written out. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0047E: Unable to write ping statistics to *file name*.**Explanation**

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be written out. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0048W: Unable to restore ping stats from *file name*.**Explanation**

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be read in when the server was brought up. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0049W: Serialized object class not found.**Explanation**

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be read in when the server was brought up. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0050W: Serialized object is not the correct type.**Explanation**

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be read in when the server was brought up. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0051W: Unable to save restored ping stats to repository.**Explanation**

Ping statistics that have not been written to the repository may be written to a file when the server is brought down. These statistics could not be read in when the server was brought up. They have been lost.

Administrator Response

No action is required. The amount of data lost is generally insignificant.

STS0053W: Unable to fetch alert definitions. Alert checking will be bypassed.

Explanation

The server was unable to fetch alert definitions from the repository. This message will have associated messages which will detail the cause of the failure.

Administrator Response

No action is required. You can examine the associated messages and determine the cause of failure. If you are able to determine the cause and correct it you can rerun the job to process the alerts.

STS0068E: Unable to parse e-mail address generation rules.

Explanation

Internal error - The e-mail generation configuration saved in the repository is invalid.

Administrator Response

Contact IBM customer technical support.

STS0069E: Mail address generation rules are incomplete.

Explanation

Internal error - The e-mail generation configuration saved in the repository is invalid.

Administrator Response

Contact IBM customer technical support.

STS0070E: Invalid token *token*.

Explanation

Internal error - The e-mail generation configuration saved in the repository is invalid.

Administrator Response

Contact IBM customer technical support.

STS0071E: Invalid substring index. Start index must be less than end index.

Explanation

Internal error - The e-mail generation configuration saved in the repository is invalid.

Administrator Response

Contact IBM customer technical support.

STS0078E: Unable to clear active *alert creator.alert name* alerts.

Explanation

The server was unable to clear the specified active alerts. This message will have associated messages which will detail the cause of the failure.

Administrator Response

Examine the associated messages and determine the cause of failure. Correct the cause and clear the alerts. If unable to determine the cause contact IBM customer technical support.

STS0079E: Unable to run job *Java program name*.

Explanation

A scheduled server type job could not run because the Java program for it is missing or incorrect.

Administrator Response

Contact IBM customer technical support.

STS0080E: Class not found.

Explanation

The Java program for a server type job was not found. This message is preceded by message STS0079E which tells the name of the missing class.

Administrator Response

Contact IBM customer technical support.

STS0081E: Class constructor not found.

Explanation

The Java program for a server type job is incorrect. This message is preceded by message STS0079E which tells the name of the incorrect class.

Administrator Response

Contact IBM customer technical support.

STS0083E: No User/group quota definitions found.

Explanation

The repository is in an inconsistent state.

Administrator Response

Contact IBM customer technical support.

STS0084E: Quota checker ended with errors. Schedule *quota creator.quota name*.

Explanation

The quota checker job completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STS0091W: Mirror Count does not match number of mirrors found. Logical Disk ID: *disk ID*.

Explanation

This is an informative message warning that your mirroring environment may not be optimized.

Administrator Response

No action is required. You might want to check your mirroring environment.

STS0092E: Expected Object not found in Repository Object: *object type ID: object ID*.

Explanation

An internal error has occurred.

Administrator Response

Contact IBM customer technical support.

STS0093E: Invalid sub-sub-type *type number*.

Explanation

An invalid request was sent from the GUI to the server.

Administrator Response

Contact IBM customer technical support.

STS0094E: Error servicing request *request number*.

Explanation

The server experienced a failure while attempting to return information to the GUI. This message will be followed by a description of the error.

Administrator Response

Examine the error description. If unable to determine and fix the cause of the error contact IBM customer technical support.

STS0095E: Directory Group has empty definition (ID = *directory group ID*).

Explanation

A directory group was found that has no members. The repository is in an inconsistent state.

Administrator Response

Contact IBM customer technical support.

STS0110E: Profile *profile name* cannot be deleted because the following quotas are using it:

Explanation

The specified profile cannot be deleted because quotas exist that include the profile as part of their definition.

Administrator Response

Keep the profile or change the quotas that use it to another profile.

STS0114E: Cannot save profile *profile name* because the following quotas, which use it, require user and/or group summary:

Explanation

A profile may not be changed to remove the owner statistic if a user quota depends on it. Similarly, a profile cannot be changed to remove the group statistic if a group quota depends on it.

Administrator Response

Select the required statistic again before saving the profile, or change the quotas that use it to another profile.

STS0115E: INTERNAL ERROR retrieving scan definition filesystem-ID = *filesystem ID* constraint-ID = *constraint ID*.

Explanation

An internal error has occurred while retrieving a scan definition.

Administrator Response

Contact IBM customer technical support.

STS0116E: INTERNAL ERROR -- *row ID, alert ID*.

Explanation

An internal error has occurred while generating an alert.

Administrator Response

Contact IBM customer technical support.

STS0117E: Profile *profile name* does not gather statistics by owner.

Explanation

The profile selected for the specified quota does not gather the correct statistics.

Administrator Response

Edit the specified quota and select a profile that gathers the owner statistics or edit the profile specified in the quota and add the owner statistics. Rerun the quota job.

STS0118E: Profile *profile name* does not gather statistics by group.

Explanation

The profile selected for the specified quota does not gather the correct statistics.

Administrator Response

Edit the specified quota and select a profile that gathers the group statistics or edit the profile specified in the quota and add the group statistics. Rerun the quota job.

STS0123E: Bad report (type, sub-type) combination: (*report type number, report subtype number*).

Explanation

An internal error has occurred while generating a report.

Administrator Response

Contact IBM customer technical support.

STS0124E: Unable to ping computer. ComputerID *ID number* is unknown.

Explanation

The ping job was unable to ping the computer associated the specified ID.

Administrator Response

Contact IBM customer technical support.

STS0125E: Aggregator completed with errors.**Explanation**

The Aggregator job completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STS0126I: Aggregator completed successfully.**Explanation**

The Aggregator job has completed successfully.

STS0128I: Aggregator started.**Explanation**

The Aggregator job has started processing.

STS0129I: Aggregating summary statistics.**Explanation**

The Aggregator job is beginning to aggregate the summary statistics.

STS0130I: Aggregating filesystem statistics.**Explanation**

The Aggregator job is beginning to aggregate the filesystem statistics.

STS0131I: Aggregating user space usage statistics.**Explanation**

The Aggregator job is beginning to aggregate the user space usage statistics.

STS0132I: Aggregating group space usage statistics.**Explanation**

The Aggregator job is beginning to aggregate the group space usage statistics.

STS0133I: Aggregating time distribution statistics.**Explanation**

The Aggregator job is beginning to aggregate the time distribution statistics.

STS0134I: Aggregating disk capacity statistics.**Explanation**

The Aggregator job is beginning to aggregate the disk capacity statistics.

STS0135W: Aggregator already in progress. Exiting.**Explanation**

The Aggregator job is already running. The Aggregator will not run concurrently with itself so the job terminated without processing.

STS0146E: Last prepared SQL statement type SQL statement:SQL statement text.**Explanation**

An SQL error has occurred while processing the specified SQL statement. An associated message will describe the operation that failed.

Administrator Response

Follow the administrator response associated with the associated error message.

STS0147I: Quota checker started. Quota: *quota creator.quota name*.**Explanation**

The quota checker job has commenced processing.

STS0148E: Quota checker completed with errors.**Explanation**

The quota checker job completed with errors. The job log will contain error messages detailing the errors.

Administrator Response

Examine the job log and find the error messages. Follow the administrator response associated with the errors.

STS0149W: Quota *quota creator.quota name* is already in the process of being checked. Quota checker exiting.**Explanation**

The specified quota job is already running. The same quota will not run concurrently with itself so the quota job terminated without processing.

STS0150I: Quota checker completed. *number of quotas quota violations detected*.**Explanation**

The quota checker completed and discovered the specified number of users were violating the limits specified in the quota.

STS0151E: Unable to serialize saved report definition.

Explanation

A failure occurred while trying to write out a saved report.

Administrator Response

Retry saving the report and if it fails again contact IBM customer technical support.

STS0152E: Unable to deserialize saved report definition *report name*.

Explanation

A failure occurred while trying to read in the specified saved report.

Administrator Response

Retry the operation and if it fails again contact IBM customer technical support.

STS0156I: Your report is incomplete. In order to display your report as quickly as possible, only the first *number of rows* rows have been displayed. Use the Display More Rows button to retrieve additional rows.

Explanation

Certain reports that generally return large amounts of data are sent to the GUI in limited segments. The report that has been generated falls in this category and only the specified number of rows have been returned.

Administrator Response

No action is required. Use the Display More Rows button to retrieve the rest of the report.

STS0156W: Your report is incomplete. Only the first *number of rows* rows have been returned. Use the More button to retrieve additional rows.

Explanation

Certain reports that generally return large amounts of data are sent to the GUI in limited segments. The report that has been generated falls in this category and only the specified number of rows have been returned.

Administrator Response

No action is required. Use the More button to retrieve the rest of the report.

STS0160E: Unrecognized quota type code: *type code*.

Explanation

A quota definition saved in the repository is invalid.

Administrator Response

Contact IBM customer technical support.

STS0161E: Unable to load or instantiate: *class name*.

Explanation

A Java program was not found while processing.

Administrator Response

Contact IBM customer technical support.

STS0165E: Unable to delete NAS filer from repository.

Explanation

There were SQL errors while deleting the repository information about a NAS filer. This message will be followed by messages describing the error.

Administrator Response

Examine the SQL error and correct the situation which caused it if possible. If the problem cannot be fixed contact IBM customer technical support.

STS0167E: Unable to send initial NAS probe request to agent: *agent name*.

Explanation

The specified agent is not available and could not perform a probe.

Administrator Response

Follow these steps to run the probes again: 1) Start the agent. 2) Remove the scanning agent from the filers which use this agent and save this. 3) Reset the scanning agents and save.

STS0168E: The agent is not available.

Explanation

The agent named in message STS0167E is not available.

Administrator Response

Follow the directions in message STS0167E.

STS0169E: Unable to perform initial NAS probes.

Explanation

The initial probes for the NAS filers on your system has failed. This message will be followed by one or messages which will detail the failures.

Administrator Response

If unable to resolve the problems detailed in the failure messages contact IBM customer technical support. If able to correct the problems you can follow these steps to run the probes again: 1) Find which probes failed. 2) Remove the scanning agent from those files and save. 3) Reset the scanning agents and save.

STS0171E: Duplicate T_RES_SHARE row: (*computerID*, *resourceType*, *resourceID*).

Explanation

The repository is in an inconsistent state.

Administrator Response

Save the job log with this message and contact IBM customer technical support.

STS0180I: Discovery run *run_number*: Using agent *agent_computer* for domain *Windows_domain*

Explanation

For the given run number and domain, the server has chosen the specified agent to perform Windows computer discovery. This message is logged in TPCD_nnnnnn.log.

STS0300W: NAS filers will not be probed.

Explanation

This should not occur with consolidated OS/NAS licensing.

Administrator Response

Contact IBM customer technical support.

STS0301W: NAS filers will not be scanned.

Explanation

This should not occur with consolidated OS/NAS licensing.

Administrator Response

Contact IBM customer technical support.

STS0302W: NAS discovery bypassed.**Explanation**

This should not occur with consolidated OS/NAS licensing.

Administrator Response

Contact IBM customer technical support.

STS0311I: Waiting for LUN to format.**Explanation**

Waiting for LUN being formatted

Administrator Response

None.

STS0312I: LUN formatting finished.**Explanation**

LUN formatting is done.

Administrator Response

None.

STS0400I: Removing old Alert Log Records.**Explanation**

The Aggregator has removed unneeded alert log records as part of its processing.

STS0500I: CIMOM Discovery - started.**Explanation**

CIMOM Discovery - started.

STS0501W: CIMOM Discovery - *value.value* is already executing CIMOM Discovery exiting.**Explanation**

CIMOM Discovery is already executing CIMOM Discovery exiting.

STS0502E: CIMOM Discovery - ended with errors. Schedule *value.value*.**Explanation**

CIMOM Discovery - ended with errors.

Administrator Response

Contact IBM customer technical support.

STS0503I: CIMOM Discovery - completed.

Explanation

CIMOM Discovery - completed.

STS0504E: CIMOM Discovery - completed with errors.

Explanation

CIMOM Discovery - completed with errors.

Administrator Response

Contact IBM customer technical support.

STS0506W: CIMOM Discovery - connectivity test failed of Host *host name* at port *port number* using *name* protocol.

Explanation

CIMOM Discovery - connectivity test failed for the specified host.

STS0507E: CIMOM Discovery - exception getting storage subsystems of Host *host name* at port *port number* using *name* protocol.

Explanation

CIMOM Discovery - exception getting storage subsystems for the specified host.

Administrator Response

Contact IBM customer technical support.

STS0508E: CIMOM Discovery - exception getting storage subsystems. Message from exception:.

Explanation

CIMOM Discovery - exception getting storage subsystems. Message from exception:.

Administrator Response

Contact IBM customer technical support.

STS0509I: CIMOM Discovery - Login information not available for CIMOM on Host *host name* at port *port number*. Storage subsystem discovery will not be performed on this CIMOM.

Explanation

CIMOM Discovery - Login information not available for CIMOM on the specified host. Storage subsystem discovery will not be performed on this CIMOM.

STS0510I: CIMOM Discovery - discovered *number* CIMOMs using slp.

Explanation

CIMOM Discovery - discovered CIMOMs using slp.

STS0511I: CIMOM Discovery - subsystem *subsystem name* configured in the CIMOM on Host *host name* at port *port number*.

Explanation

CIMOM Discovery - the specified subsystem configured in the CIMOM on the specified host and port.

STS0512I: CIMOM Discovery - Getting subsystems configured in the CIMOM on Host *host name* at port *port number*.

Explanation

CIMOM Discovery - Getting subsystems configured in the CIMOM on the specified host and port.

STS0513W: CIMOM Discovery - Storage Subsystem *subsystem name* has an unknown vendor. It cannot be managed.

Explanation

CIMOM Discovery - The specified subsystem has an unknown vendor. It cannot be managed.

STS0514W: CIMOM Discovery - Storage Subsystem *subsystem name* - Vendor *vendor name* is not supported. It cannot be managed.

Explanation

CIMOM Discovery - The specified storage subsystem-vendor is not supported. It cannot be managed.

STS0515W: CIMOM Discovery - Cluster *cluster* has an unknown vendor. It cannot be managed.

Explanation

The discovered cluster was located within the CIMOM for an unknown vendor. It will therefore not be managed by the IBM Tivoli Storage Productivity Center for Data.

Administrator Response

You can ignore this message if the cluster is for an unknown vendor. Also, you can remove the cluster by using the SAN Volume Controller on the CIMOM where the cluster was located. Otherwise, contact IBM customer support.

STS0516W: CIMOM Discovery - Cluster *cluster* - Vendor *vendor* is not supported. It cannot be managed.

Explanation

The discovered cluster was located within the CIMOM for an unsupported vendor. It will therefore not be managed by IBM Tivoli Storage Productivity Center for Data.

Administrator Response

The message can be ignored if the cluster is for an unsupported vendor. Also, the cluster can be removed using the SAN Volume Controller on the CIMOM where the cluster was located. Otherwise, contact IBM customer support.

STS0517I: CIMOM Discovery - Cluster *cluster* - configured in the CIMOM on Host *host* at port *port*.

Explanation

The discovered cluster is supported and can be managed by IBM Tivoli Storage Productivity Center for Data.

STS0600E: Invalid extension policy *policy name*.

Explanation

One or more of the attributes of the specified extension policy are invalid.

Administrator Response

Correct the specified policy definition.

STS0700I: LUN provisioning request received from host *host name*.

Explanation

LUN provisioning request was received from the specified host.

STS0701I: LUN provisioning request from host *host name* succeeded.

Explanation

LUN provisioning request from the specified host succeeded.

STS0702E: LUN provisioning request from host *host name* failed.

Explanation

LUN provisioning request from the specified host failed.

Administrator Response

Review the server logs and CreatedLuns.log for detailed information about the failure.

STS0703I: Log Only Mode: *value* LUNs would have been assigned on storage system *storage system name*.

Explanation

Log Only Mode: The specified number of LUNs would have been assigned on the specified storage system.

STS0704I: Log Only Mode: *value* LUNs of size *value* MB would have been created on storage pool *storage pool name*.

Explanation

Log Only Mode: The specified number of LUNs of the specified size MB would have been created on the specified storage pool.

STS0705E: Policy *policy name* from host *host name* does not allow LUN provisioning.

Explanation

The specified policy from the specified host does not allow LUN provisioning.

Administrator Response

Either provisioning LUNs or creating LUNs was disabled in the policy definition. Modify the policy definition as needed.

STS0707E: Unable to get a connection to the repository.

Explanation

Unable to get a connection to the repository.

Administrator Response

The repository was temporarily unavailable. If the problem persists, contact IBM customer technical support.

STS0708E: The model LUN id is malformed: *value*.

Explanation

The model LUN id is malformed.

Administrator Response

Contact IBM customer technical support.

STS0709E: Storage system type *type* is not supported.

Explanation

The specified storage system type is not supported.

STS0710E: Unable to retrieve CIMOM parameters for storage system *name* with storage system type *type*.

Explanation

Unable to retrieve CIMOM parameters for the specified storage system with the specified storage system type.

Administrator Response

Contact IBM customer technical support.

STS0711E: Invalid parameter passed to LUN provisioning handler.

Explanation

Invalid parameter passed to the LUN provisioning handler.

Administrator Response

Contact IBM customer technical support.

STS0720E: Unexpected system error in LUN provisioning handler.

Explanation

Unexpected system error in LUN provisioning handler.

Administrator Response

Contact IBM customer technical support.

STS0721I: Created LUN *LUN name* of *value* Gigabytes on storage system *name* storage system in storage pool *storage pool name* for agent *agent name*.

Explanation

The specified LUN was successfully created.

STS0722E: LUN *LUN name* of *value* Gigabytes on storage system *name* storage system in storage pool *storage pool name* for agent *agent name* was orphaned.

Explanation

The specified LUN was successfully created but was never assigned.

Administrator Response

It may be reclaimed or may be assigned for another purpose.

STS0723E: LUN *LUN name* of value *Gigabytes* on storage system *name* storage system in storage pool *storage pool name* for agent *agent name* was removed.

Explanation

The specified LUN was successfully created but was never assigned. Therefore, it was removed from the storage system.

Administrator Response

Determine the cause for the assignment error by reviewing related errors in the CIM/OM Service.

Appendix. Return codes used by Storage Resource agent

This topic lists the return codes used by the Storage Resource agent.

The following table lists the return codes used by the Storage Resource agent during installation, uninstallation, and upgrade.

Table 1. Storage resource agent return codes

| Return code | Explanation |
|-------------|--|
| 2 | Command not valid. |
| 3 | Option provided is not valid. |
| 5 | Argument is not valid. |
| 6 | Missing value for argument (e.g. -installLoc <Value>, where <Value> is missing). |
| 7 | Missing localized string in message file. |
| 8 | Probe is running. |
| 9 | Failed to open file for write. |
| 10 | Failed to close file. |
| 11 | Logfile not specified. |
| 19 | Failed in tracing. |
| 21 | Cannot spawn a probe because it is busy. |
| 32 | Invalid socket. |
| 33 | Start service failed. |
| 35 | Registry entry not found. |
| 36 | File does not exist. |
| 40 | Missing upgrade files. |
| 41 | Failed to extract files in upgrade process. |
| 42 | Failed to stop probe in upgrade process. |
| 43 | Failed to stop Agent. |
| 44 | Failed to start Agent. |
| 45 | Agent Registration to Server failed. |
| 46 | File extraction needs more space. |
| 47 | Failed to open archive file. |
| 48 | Agent did not start after upgrade. |
| 49 | Installation directory not valid at upgrade time. |
| 50 | Probe is running. |
| 51 | Data file not found. |
| 52 | Exit code not in the output file. |
| 53 | Failed to send job status. |
| 54 | Failed to copy certificate files. |
| 55 | Failed to create directory. |
| 56 | Failed to remove directory. |

Table 1. Storage resource agent return codes (continued)

| Return code | Explanation |
|-------------|--|
| 57 | Exec command failed. |
| 58 | Conversion of wide character failed. |
| 59 | Installation directory not valid. |
| 60 | Server name not defined. |
| 61 | Error in removing entries from configuration file. |
| 62 | Failed to stop probe at uninstall time. |
| 63 | Failed to remove registry entry at uninstall time. |
| 64 | Failed to remove service entry at uninstall time. |
| 65 | Failed to stop service at uninstall time. |
| 66 | Specified server name is not valid. |
| 71 | Failed to spawn process. |
| 73 | Failed to spawn probe process. |
| 101 | Failed to create lock at installation time. |
| 102 | Failed to stop probe at re-installation time. |
| 103 | Failed to stop agent at re-installation time. |
| 104 | Failed to create registry at installation time. |
| 105 | Failed to extract files at installation time. |
| 106 | Failed to create entries in configuration file at installation time. |
| 107 | Failed to stop service at re-installation time. |
| 108 | Service already exists. |
| 109 | Failed to create service. |
| 110 | Failed to start service. |
| 111 | Probe failed at installation time. |
| 112 | Creation of daemon failed. |
| 113 | Installation of GUID failed. |
| 114 | Commtype parameter is not valid. |
| 115 | Specified port is in use. |
| 116 | Installation/Upgrade does not have enough space. |
| 117 | Installation in progress. |
| 118 | Cannot get server name from Server. |
| 119 | Installation location is not empty. |
| 120 | Missing parameter Server Name. |
| 121 | Missing parameter Server Port. |
| 123 | Missing parameter Server IP. |
| 124 | Missing parameter Agent Port. |
| 125 | Missing parameter Installation location. |
| 130 | Failed to send probe results. |
| 131 | Failed to initialize Agent. |
| 133 | Missing port number for Service. |
| 134 | Get data file stat failed. |

Table 1. Storage resource agent return codes (continued)

| Return code | Explanation |
|--------------------|---|
| 135 | Get data file read failed. |
| 137 | Failed to send data to server. |
| 138 | Failed to receive data from server. |
| 139 | Full path not specified for copy file. |
| 140 | Create file failed in copy file function. |
| 141 | Write file failed in copy file function. |
| 142 | Open file failed in copy file function. |
| 143 | Read file failed in copy file function. |
| 145 | UCS conversion failed. |
| 146 | Server connection failed. |

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Glossary

This glossary includes terms and definitions for IBM Tivoli Storage Productivity Center.

The following cross-references are used in this glossary:

- *See* refers the reader from a term to a preferred synonym, or from an acronym or abbreviation to the defined full form.
- *See also* refers the reader to a related or contrasting term.

To view glossaries for other IBM products, go to: <http://www.ibm.com/software/globalization/terminology/>.

agent An entity that represents one or more managed objects by sending notifications regarding the objects and by handling requests from servers for management operations to modify or query the objects.

Basic HyperSwap™

In System z, a replication feature that performs the following actions:

- Monitoring for events that indicate a storage device has failed
- Determining whether the failing storage device is part of a Peer-to-Peer Remote Copy (PPRC) pair
- Determining from policy, the action to be taken
- Ensuring that data consistency is not violated
- Swapping the I/O between the primary logical devices in the consistency group with the secondary logical devices in the consistency group.
- Allowing only CKD volumes to be added to the HyperSwap session.

CIM See Common Information Model.

CIM agent

The code that consists of common building blocks that can be used instead of proprietary software or device-specific programming interfaces to manage CIM-compliant devices.

CIM object manager (CIMOM)

The common conceptual framework for data management that receives, validates,

and authenticates the CIM requests from the client application. It then directs the requests to the appropriate component or service provider.

CIMOM

See CIM object manager

CKD Count key data

cluster

1. In SAN Volume Controller, a pair of nodes that provides a single configuration and service interface. 2. In IBM System Storage DS8000, a partition capable of performing all DS8000 series functions. With two clusters in the DS8000 storage unit, any operational cluster can take over the processing of a failing cluster.

Common Information Model (CIM)

An implementation-neutral, object-oriented schema for describing network management information. The Distributed Management Task Force (DMTF) develops and maintains CIM specifications.

comma-separated value file

A text file, created in a spreadsheet program such as Microsoft Excel. A CSV file includes each of the copy sets you want to add to the session separated by a comma.

community name

The part of an SNMP message that represents a password-like name and that is used to authenticate the SNMP message.

consistency group

The set of target volumes in a session that have been updated to preserve write ordering and are therefore, recoverable.

copy set

A set of volumes that contain copies of the same data. All the volumes in a copy set are the same format (count key data [CKD] or fixed block) and size.

CSV See comma-separated value file

data collection

See *discovery*.

data exposure

The time between the point at which the data is written to primary storage, and when it is replicated to secondary storage. Data exposure includes factors such as:

- Requested consistency-group interval time
- Type of storage systems
- Physical distance between the storage systems
- Available bandwidth of the data link
- I/O load on the storage systems

discovery

The process of finding resources within an enterprise, including finding the new location of monitored resources that were moved. Discovery includes the detection of changes in network topology, such as new and deleted nodes or new and deleted interfaces. See also *discovery interval*.

discovery interval

The frequency at which topology and attribute information is gathered. The discovery interval is set by a schedule to occur either periodically or at specific times. Discovery can also occur at other times, such as when triggered by an event from a SAN switch.

discovery job

A job that enables you to find new Windows machines that have been introduced into your environment, identify the servers and volumes within NetWare trees (NDS trees), discover the file systems within NAS filers, and discover the CIMOMs in your environment and the storage subsystems managed by those CIM/OMs.

enterprise repository

A component of the Data server that records and stores all information about the monitored computers' storage assets and their usage over time. The repository is organized into relational database tables and is accessed by Data server using Java Database Connectivity (JDBC).

event Any significant change in the state of a system resource, network resource, or network application. An event can be generated for a problem, for the

resolution of a problem, or for the successful completion of a task. Examples of events are: the normal starting and stopping of a process, the abnormal termination of a process, or the malfunctioning of a server.

fabric A complex network using hubs, switches, and gateways. Fibre channel uses a fabric to connect devices.

failover and failback

The implementation of a complex local or remote disaster-recovery solution with the capability of a two-way site switch.

fibre channel

A technology for transmitting data between computer devices. It is especially suited for attaching computer servers to shared storage devices and for interconnecting storage controllers and drives.

FlashCopy®

An optional feature of the DS8000 series that can make an instant copy of data; that is, a point-in-time copy of a volume.

global copy

An optional capability of the DS8000 remote mirror and copy feature that maintains a fuzzy copy of a logical volume on the same DS8000 storage unit or on another DS8000 storage unit. In other words, all modifications that any attached host performs on the primary logical volume are also performed on the secondary logical volume at a later point in time. The original order of update is not strictly maintained. See also *remote mirror* and *copy* and *metro mirror*.

global mirror

An optional capability of the remote mirror and copy feature that provides a 2-site extended distance remote copy. Data that is written by the host to the storage unit at the local site is automatically maintained at the remote site. See also *Metro Mirror* and *Remote Mirror and Copy*.

globally unique identifier (GUID)

An algorithmically determined number that uniquely identifies an entity within a system.

heat map

A color-coded data chart where colors are used to differentiate values in a data set.

host

A computer that is connected to a network (such as the Internet or a SAN) and provides a point of access to that network. Also, depending on the environment, the host can provide centralized control of the network. The host can be a client, a server, both a client and a server, a manager, or a managed host.

host volume

A volume that represents the volume functional role from an application point of view. The host volume can be connected to a host or server, and receives read, write, and update application I/Os, depending on the site that the application is writing to.

in-band discovery

The process of discovering information about the SAN, including topology and attribute data, through the fibre-channel data paths. Contrast with *out-of-band discovery*.

intermediate volume

The target of the remote copy relationship, and the source of a FlashCopy relationship in which the target of the FlashCopy is the H2 volume.

job scheduler

A component of the Data server that deploys all monitoring activities. The job scheduler controls when monitoring jobs are run by agents.

journal volume

A volume that functions like a journal and holds the required data to reconstruct consistent data at the Global Mirror remote site. When a session must be recovered at the remote site, the journal volume is used to restore data to the last consistency point.

logical unit number (LUN)

An identifier used on a SCSI bus to distinguish among devices (logical units) with the same SCSI ID. For a SCSI bus, a LUN represents a storage volume.

LUN See *logical unit number*.

managed disk (MDisk)

A SCSI logical unit that a Redundant Array of Independent Disks (RAID) controller provides and a cluster manages. The MDisk is not visible to host systems on the SAN.

managed host

A host that is managed by Tivoli Storage Productivity Center and one or more active in-band fabric agents. Install in-band fabric agents on host systems with host bus adapters (HBAs) that are connected to the SAN fabrics that you want to manage.

Management Servers

Increased availability of the replication management software with the implementation of a high-availability configuration such that one management workstation runs as standby, ready to take over in case of a failure of the active workstation.

Note: The takeover is not automatic and requires you to issue a takeover command.

metro mirror

A function of a storage server that maintains a consistent copy of a logical volume on the same storage server or on another storage server. All modifications that any attached host performs on the primary logical volume are also performed on the secondary logical volume. See also *Remote Mirror* and *Copy* and *Global Copy*.

Metro Global Mirror

The three-site remote mirroring solution.

out-of-band discovery

The process of discovering SAN information, including topology and device data, without using the fibre-channel data paths. A common mechanism for out-of-band discovery is the use of SNMP MIB queries, which are invoked over a TCP/IP network. Contrast with *in-band discovery*.

ping job

A job that tracks the availability of assets and that is performed by an agent. Several ping jobs can be used to monitor the availability of any computer or subset of computers in the network.

pool A named set of storage volumes that is the destination for storing client data.

primordial pool

Unallocated storage capacity on a storage device. Storage capacity can be allocated from primordial pools to create storage pools.

probe job

A job that itemizes and creates an inventory of assets, such as computers, controllers, disk drives, file systems, and logical units, and that is performed by an agent. Several probe jobs can be used on any computer or subset of computer

RAID See *Redundant Array of Independent Disks*.

Recovery point objective (RPO)

The maximum amount of data that you can tolerate losing in the case of a disaster.

remote console

A console that is installed on a machine other than the one on which the server is installed. A remote console lets you access Tivoli Storage Productivity Center from any location.

remote mirror and copy

A feature of a storage server that constantly updates a secondary copy of a logical volume to match changes made to a primary logical volume. The primary and secondary volumes can be on the same storage server or on separate storage servers.

role

A function that a volume assumes is the copy set. The role is composed of the intended use and, for Global Mirror and Metro Mirror, the volume's site location. Every volume in a copy set is assigned a role. A role can assume the functions of a host volume, journal volume, or target volume. For example, a host volume at the primary site might have the role of Host1, while a journal volume at the secondary site has the role of Journal2.

role pair

The association of two roles in a session that take part in a copy relationship. For example, in a metro mirror session, the role pair could be the association between the volume roles of Host1 and Host2. In another example, a Host1 volume could be a host volume on the primary site, and

a Host2 volume could be a host volume on the secondary site.

SAN See *storage area network*.

scan job

A job that monitors the usage and consumption of your storage and the constraints and that is performed by an agent. Several scan jobs can be used to monitor the file systems on any computer or subset of computers.

SCSI See *Small Computer Systems Interface*.

session

A collection of multiple copy sets that comprise a consistency group.

site switching

See also *failover and failback*.

SMI-S See *Storage Management Initiative - Specification*.

SMI-S agent

See *CIM Object Manager (CIMOM)*. See also *Storage Management Initiative - Specification (SMI-S)*.

SNIA See *Storage Networking Industry Association*.

source The site where production applications run while in normal operation. The meaning is extended to the disk subsystem that holds the data as well as to its components: volumes and LSS.

storage area network

A dedicated storage network tailored to a specific environment, combining servers, storage products, networking products, software, and services.

storage group

A collection of storage units that jointly contain all the data for a specified set of storage units, such as volumes. The storage units in a group must be from storage devices of the same type.

Storage Management Initiative - Specification (SMI-S)

The standard that defines the protocol used for communication with SMI-S agents.

Storage Networking Industry Association (SNIA)

An alliance of computer vendors and

universities that focus on developing and promoting industry standards for storage networks.

storage pool

An aggregation of storage resources on a SAN that have been set aside for a particular purpose.

System z® Global Mirror

See also *Global Mirror*.

target The site to where the data is replicated, the copy of the application data. The meaning is extended to the disk subsystem that holds the data as well as to its components: volumes and logical subsystem (LSS).

target volume

A volume that receives data from a host volume or another intermediate volume. It is used only in FlashCopy sessions.

topology

The physical and logical arrangement of devices in a SAN. Topology can be displayed graphically, showing devices and their interconnections.

VDisk See *virtual disk*.

virtual disk (VDisk)

A device that host systems attached to the storage area network (SAN) recognize as a Small Computer System Interface (SCSI) disk.

virtualization

A concept in which a pool of storage is created that contains several disk

subsystems. The subsystems can be from various vendors. The pool can be split into virtual disks that are visible to the host systems that use them.

virtual storage area network (VSAN)

A Cisco technology that allows independent logical fabrics to be defined from a set of one or more physical switches. A given switch port is assigned to only one VSAN. Each VSAN is completely isolated from the other VSANs and functions as a separate and independent fabric with its own set of fabric services (for example, Name Services, zoning, routing, and so on).

volume

The basic entity of data storage as defined by the SCSI protocol. A volume is a logical address space, having its data content stored on the systems disk drives.

VSAN See *virtual storage area network*.

zone A segment of a SAN fabric composed of selected storage devices nodes and server nodes. Only the members of a zone have access to one another.

zone set

A group of zones that function together on the fabric. Each zone set can accommodate up to 256 zones. All devices in a zone see only devices assigned to that zone, but any device in that zone can be a member of other zones in the zone set.



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