

IBM TotalStorage™ SAN File System
(based on IBM Storage Tank™ technology)



Messages Reference

Version 1 Release 1

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(based on IBM Storage Tank™ technology)



Messages Reference

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NOTE

Before using this information and the product it supports, read the general information in Appendix B, "Notices", on page 329.

First Edition (November 2003)

This edition applies to the IBM TotalStorage SAN File System and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this guide

This reference contains messages that can be displayed on the console or in logs for the SAN File System. The information is organized as follows:

- Chapter 1, “Administrative messages”, on page 1 lists the messages that can be generated by the Administrative server and its components, such as the SAN File System console, Administrative command-line interface, and the Administrative agent.
- Chapter 2, “AIX client messages”, on page 109 lists the messages that can be generated by SAN File System clients running AIX.
- Chapter 3, “Windows client messages”, on page 133 lists the messages that can be generated by SAN File System clients running Windows.
- Chapter 4, “Metadata server messages”, on page 139 lists the messages that can be generated by the Metadata servers and their components.
- Chapter 5, “Metadata server logging facility messages”, on page 147 lists the messages that can be generated by the Metadata server logging facility.

The appendices provide the following additional information:

- Accessibility features of SAN File System console and the help system
- Notices

Who should use this guide

This reference is intended for personnel who will be using or troubleshooting the SAN File System.

Publications

The following publications are available in the SAN File System library. They are provided in softcopy on the *IBM TotalStorage SAN File System Publications CD* that came with your storage engine and at www.ibm.com/storage/support. To use the CD, insert it in the CD-ROM drive. If the CD does not launch automatically, follow the instructions on the CD label.

Note: The softcopy version of these publications are accessibility-enabled for the IBM Home Page Reader.

- *IBM TotalStorage SAN File System Release Notes*

This document provides any changes that were not available at the time the publications were produced. This document is available only from the technical support Web site: www.ibm.com/storage/support

- *IBM Safety Information — Read This First, SD21-0030*

This document provides translated versions of general safety notices and should be read before using this product. This document is provided only in hardcopy.

- *IBM Statement of Limited Warranty*

This publication describes the IBM statement of limited warranty as it applies to the SAN File System Model 1RX storage engine.

- *IBM TotalStorage SAN File System Software License Information*

This publication provides multilingual information regarding the software license for IBM TotalStorage SAN File System Software.

- *IBM TotalStorage SAN File System Administrator's Guide and Reference, GA27-4317*
This publication introduces the concept of SAN File System, and provides instructions for configuring, managing, and monitoring the system using the SAN File System console and Administrative command-line interfaces. This book also contains a commands reference for tasks that can be performed at the administrative and client command-line interfaces.

- *IBM TotalStorage SAN File System Maintenance and Problem Determination Guide, GA27-4318*

This publication provides instructions for adding and replacing hardware components, monitoring and troubleshooting the system, and resolving hardware and software problems.

Note: This document is intended only for trained personnel.

- *IBM TotalStorage SAN File System Messages Reference, GC30-4076*

This publication contains message description and resolution information for errors that can occur in SAN File System software.

- *IBM TotalStorage SAN File System Planning, Installation and Configuration Guide, GA27-4316*

This publication provides detailed procedures to plan the installation and configuration of SAN File System, set up and cable the hardware, perform the minimum required configuration, migrate existing data, and upgrading software.

- *Rack Installation Instructions*

This publication provides instructions for installing the Model 1RX in a rack.

- *IBM TotalStorage SAN File System System Management API Guide and Reference, GA27-4315*

This publication contains guide and reference information for using the CIM Proxy API, including common and SAN File System-specific information.

Note: This document contains information and procedures intended for only selected IBM Business Partners. Contact your IBM representative before using this publication.

- *Subsystem Device Driver User's Guide for the IBM TotalStorage Enterprise Storage Server and the IBM TotalStorage SAN Volume Controller, SC26-7540*

The Subsystem Device Driver (SDD) provides the multipath configuration environment support for a host system that is attached to an IBM TotalStorage Enterprise Storage Server® (ESS), IBM TotalStorage SAN Volume Controller or IBM TotalStorage SAN File System. This book provides step-by-step procedures on how to install, configure, and use SDD for the host systems.

Note: SAN File System supports the version of the Subsystem Device Driver that is shipped with the program product.

- *IBM TotalStorage Translated Safety Notices, GA67-0043*

This publication contains translated versions of hardware caution and danger statements that appear in the publications in this library. Each caution and danger statement has an assigned number that you can use to locate the corresponding statement in your native language.

Web sites

The following Web sites have additional and up-to-date information about SAN File System:

- www.ibm.com/storage/support
- www.ibm.com/storage/software/virtualization/sfs

Chapter 1. Administrative messages

The following messages can be generated by the Administrative server and its components, such as the SAN File System console, Administrative command-line interface, and the Administrative agent.

CMMCI9001E An unknown value *return_code* was returned for command *command_name*.

Explanation: An unexpected value was returned for this command.

Action: Attempt to 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.

Action: Perform the following actions to resolve the problem.

1. View the cluster log to determine if other errors may be causing this error.
2. Attempt to run the command again.
3. If the problem persists, contact your service representative.

CMMCI9003W No *object_name* instances found in the SAN File System.

Explanation: You attempted to list all instances of *object_name*. No instances were found.

Action: 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*. However *object_name* does not exist.

Action: Attempt to modify the attributes for an existing object.

CMMCI9005I There is nothing to modify.

Explanation: You are attempting to modify the attributes for an object. However the values you specified are already defined for that object.

Action: If you need to modify the attributes for an object, run the command again, specifying different attribute values.

CMMCI9006E No *object_name* instances found that match criteria: *criteria*.

Explanation: You are attempting to list all occurrences for an object. However no instances of that object meeting your search criteria were found.

Action: If the search criteria you specified was correct, no action is required. Otherwise, specify attempt to list all occurrences of the object again, 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.

Action: Make sure that you run this command on an existing object.

CMMCI9008I Unsupported command *command_name* completed successfully.

Explanation: The command *command_name* is not a supported command. However, it did complete successfully.

Action: 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. It did not complete successfully.

Action: Attempt to run only supported commands.

CMMCI9010E The command did not complete successfully.

Explanation: The command did not complete successfully.

Action: Verify that you are using the correct syntax. Then attempt to run the command again.

CMMCI9011E Password file access error: *return_code*.

Explanation: The password file controls access to the Administrative command-line interface. The SAN File System was not able to access the password file.

Action: Perform these actions to resolve the problem

1. Verify that *tank.properties* exists in your home directory on the engine and that the password field contains a valid password for your user name.
 2. Attempt to access the Administrative command-line interface again.
 3. If the problem persists, contact your service representative.
-

CMMCI9012E The password file is not valid. The first line of the file requires a colon delimited user:password string

Explanation: The password file controls access to the Administrative command-line interface. However, the password file for your user name is not valid.

Action: Run the *tankpasswd* command to set the password for your user name. Your user name and password must have previously been defined on the Lightweight Directory Access Protocol (LDAP) server.

CMMCI9013E Command: *command_name* was not found.

Explanation: You attempted to run a command that does not exist.

Action: Make sure that you run valid Administrative command-line interface commands. Enter "help" for a list of available commands.

CMMCI9014E The parameter *-parameter_name* is not valid.

Explanation: You attempted to run a command but the parameter you specified is not valid.

Action: Run the command again, specifying valid parameters. Enter "help *command_name*" for a list of valid parameters.

CMMCI9015E The value *value* for parameter *-parameter_name* is not formatted correctly.

Explanation: The parameter you specified is not formatted correctly.

Action: Run the command again, specifying parameter values that are formatted correctly. Enter "help *command_name*" for a list of valid parameters.

CMMCI9016E Missing parameter name after -.

Explanation: You specified a dash, but you did not specify a parameter name after the dash.

Action: Run the command again, specifying all parameters correctly. Enter "help command_name" for a list of valid parameters.

CMMCI9017E Parameter *parameter_name* is already specified.

Explanation: You are attempting to specify the same parameter twice on a single command.

Action: Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9018E Parameter *parameter_name* is missing a required value.

Explanation: The parameter *parameter_name* requires a value.

Action: Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9019E The value for *parameter_name: value* is not valid.

Explanation: The value you specified for the listed parameter name is not valid.

Action: Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9020E The parameter *parameter_name* cannot be used when the parameter *parameter_name* is specified.

Explanation: You specified two parameters that are mutually exclusive. You cannot specify both parameters on a single command.

Action: Run the command again, specifying only one of the parameters.

CMMCI9021E Command *command_name* is not formatted correctly.

Explanation: The command you specified is not formatted correctly.

Action: Run the command again, making sure that it is formatted correctly. Enter "help command_name" for the correct format.

CMMCI9022E Missing required parameter: *parameter_name*.

Explanation: The parameter *parameter_name* is required.

Action: Run the command again, specifying all required parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9023E *parameter_name* is mutually exclusive of *parameter_name*

Explanation: You specified two parameters that are mutually exclusive. You cannot specify both parameters on a single command.

Action: Run the command again, specifying only one of the parameters.

CMMCI9024E *value* exceeds the maximum allowable value of *maximum_value* for the parameter *command_name*

Explanation: The value you specified is greater than the maximum value allowed for this parameter.

Action: Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9025E *value does not meet the minimum allowable value of `minimum_value` for the parameter `parameter_name`*

Explanation: The value you specified is less than the minimum value allowed for this parameter.

Action: Run the command again, specifying valid values for all parameters. Enter "help `command_name`" for a list of valid parameters and parameter values.

CMMCI9026E **Unmatched `character_value` characters.**

Explanation: There are unmatched `character_value` characters in the command you specified.

Action: 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 **Invalid value for `parameter_name`. The length exceeds `maximum_length` characters.**

Explanation: The length of the value you specified for this parameter exceeds the maximum length for this value.

Action: Run the command again, making sure that the length of the value 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 **The value `value` specified for parameter `parameter_value` is not valid.**

Explanation: The value you specified for this parameter is not valid for this parameter.

Action: 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.

Action: 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 **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 specified for this parameter.

Action: 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 **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.

Action: Make sure that you are requesting help for a valid command. Enter "help" for a list of available commands.

CMMCI9032E **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.

Action: 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 you specified does not exist.

Action: Run the command again, making sure that you specify a valid file name.

CMMCI9034E Parameter *parameter_name* cannot be used in the same command as parameter *parameter_name*.

Explanation: These two parameters are mutually exclusive. You cannot specify both of them on the same command.

Action: 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.

Action: 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 The value *value* for parameter *-parameter_name* is already specified.

Explanation: You are attempting to specify the same parameter twice on a single command.

Action: Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9037E Multiple targets not allowed for command *command_name*

Explanation: You cannot specify multiple targets for this command.

Action: Run the command again, specifying a single target. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9038E 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.

Action: 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 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.

Action: 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 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.

Action: 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 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*.

Action: 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 The value for the parameter *-parameter_name* cannot contain a *value*.

Explanation: You specified a value for this parameter that is not valid.

Action: 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 Number of entries (*entries*) is exceeded for the *-parameter_name* parameter.

Explanation: You specified too many values for this parameter.

Action: 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 Entry *entry_value* exceeds the length limit (*entry_limit*) for one item for the *-parameter_name* parameter.

Explanation: The length of the value you specified this parameter is too long.

Action: 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 The value for *-parameter_name* must be operator the current setting of *value*.

Explanation: The value you specified for the listed operator is not valid. The operator explains how value needs to be changed.

Action: 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 Unrecognized syntax error in command *command_name*

Explanation: There is a syntax error in the command you specified.

Action: 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.

Action: Enter "help *command_name*" for more information about using this command.

CMMCI9901E The user name or password is not valid. The Administrative agent could not authenticate the user name.

Explanation: You attempted to sign on, but the user name or password is not valid. The Administrative agent is not able to authenticate this user name and password with the Lightweight Directory Access Protocol (LDAP) server.

Action: Make sure that you are using a valid user name and password. Then attempt to sign on again.

CMMCI9902E User name does not have sufficient privileges to run the command *command_name*.

Explanation: The user name that you are using does not have sufficient privileges to run the command *command_name*. The privileges for a user name are determined by the role assigned to the user name when it was set up on the Lightweight Directory Access Protocol (LDAP) server.

Action: Either sign on with a user name that has sufficient privileges to run this command or assign a different role to this user name on the LDAP server.

CMMCI9903E The Administrative agent is unable to find a valid certificate in the truststore file.

Explanation: The Administrative agent uses certificates in the truststore file to create a secure connection for authenticating your user name and password with the Lightweight Directory Access Protocol (LDAP) server. The Administrative server cannot find a valid certificate in the truststore file so no authentication can occur.

Action: Verify that the truststore file was created properly.

CMMCI9904E An unexpected error occurred when accessing the Administrative agent.

Explanation: The Administrative agent is responsible for authenticating users with the Lightweight Directory Access Protocol (LDAP) server and providing access to the Metadata server. An error occurred during the attempt to access the Administrative agent.

Action: Perform the following actions to resolve the problem.

1. Wait a few minutes and attempt to sign on again.
2. Contact your service representative.

CMMCI9905E The Administrative agent is unable to access the truststore file.

Explanation: The Administrative agent uses certificates in the truststore file to create a secure connection for authenticating your user name and password with the Lightweight Directory Access Protocol (LDAP) server. The Administrative server cannot access the truststore file so no authentication can occur.

Action: Perform the following actions to resolve the problem.

1. Verify that the truststore file exists.
2. Verify that the truststore file was created correctly.
3. Verify that the Administrative agent can access the truststore file.
4. Contact your service representative.

CMMCI9906E Namespace not found in the CIMOM server: *VALUE_0*.

Explanation: No additional information is available for this message.

CMMCI9907E Host URL was not specified to the CIMOM server.

Explanation: The host name identifying the CIMOM server was not provided. Without this information communication with the Metadata server is not possible.

Action: Contact your support representative.

CMMCI9908E The host specified to CIMOM server is not valid: *host_name*.

Explanation: The host name identifying the CIMOM server is not valid. Therefore communication with the Metadata server is not possible.

Action: Contact your support representative.

CMMCI9909E Could not connect to CIMOM server.

Explanation: An internal error occurred while connecting to the CIMOM server.

Action: Contact your support representative.

CMMCI9910E The port address is not valid for CIMOM server: *server_name*.

Explanation: The port address is not valid for the specified CIMOM server.

Action: Contact your support representative.

CMMCI9911E An unexpected Administrative error occurred: *error_code*

Explanation: The Administrative agent is responsible for authenticating users with the Lightweight Directory Access Protocol (LDAP) server and providing access to the Metadata server. An unexpected error occurred with the Administrative agent.

Action: Contact your service representative.

CMMNP5001E Unknown error or prompt.

Explanation: The system encountered an unexpected error.

Action: Attempt to run the task again. If you see the same error, contact your service representative.

CMMNP5002I Ok.

Explanation: No additional information is available for this message.

CMMNP5003E The feature is not supported in the current release.

Explanation: No additional information is available for this message.

CMMNP5004E Access failed.

Explanation: No additional information is available for this message.

CMMNP5005E Already defined.

Explanation: You are attempting to perform an operation using a name that is already in use.

Action: Perform the operation again, specifying a different name.

CMMNP5006E Command failed.

Explanation: A command that you entered could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to the failure of the command.
 2. View the cluster log and correct any errors that may be related to the failure of the command.
 3. Attempt to run the command again.
 4. Contact your support representative.
-

CMMNP5007E In use.

Explanation: You cannot perform this task, because the object on which this task will be performed is currently in use.

Action: Wait until the object is not in use and then attempt to perform the task again.

CMMNP5008E Index error.

Explanation: No additional information is available for this message.

CMMNP5009E Insufficient space.

Explanation: You are attempting to perform an operation on an object, and the object needs more space than is available

Action: Make sure that there is sufficient space before attempting to perform the operation again.

CMMNP5010E Integrity lost. Corruption detected. Tip: Refer to cluster log for status information and report details.

Explanation: The SAN File System has detected corruption in the metadata.

Action: Perform these actions in order to begin resolving the problem.

1. View the Cluster log to obtain information about the metadata corruption.
2. Perform a check metadata operation, specifying that you want to repair all problems found in the metadata.
 - a. If you are using the Administrative command-line interface, run the filesystemcheck command.

- b. If you are using the SAN File System console, from the main menu, click Maintain System and then click Check Metadata.
3. Contact your support representative.

CMMNP5011E *variable_class* **name** *variable_object_name* **is not valid. It contains unsupported characters.**

Explanation: You cannot perform this task because the name you have chosen is not valid.

Action: Attempt to perform this task again using a valid file name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNP5012E *variable_method*: **A specified parameter is not valid.**

Explanation: One of the parameters you specified is not valid.

Action: Make sure that all of the parameters you specify are valid.

CMMNP5013E **Size is not valid.**

Explanation: The size for the volume is not valid. It must be equal to or greater than the size of one partition for user storage pools. For the system storage pool, it must be the same size as existing volumes.

Action: Make sure that the volume is a valid size.

CMMNP5014E **I/O failed.**

Explanation: There was an I/O failure on the device against which you were performing a command.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to the I/O failure.
2. View the Cluster log and correct any errors that may be related to the I/O failure.
3. Contact your support representative.

CMMNP5015E **Default (in any combination of uppercase or lowercase letters) is reserved.**

Explanation: You are trying to perform an operation on the default storage pool or default policy. However, the operation is not allowed on the default storage pool or policy.

Action: Perform the operation against another storage pool or policy.

CMMNP5016E **Is referenced.**

Explanation: You cannot perform this operation on the specified object because the object is active or is referenced by another object.

Action: Wait until the object is not active before attempting to perform this operation.

CMMNP5017E **System (in any combination of uppercase or lowercase letters) is reserved.**

Explanation: You are attempting to perform an operation on an object that is a system object. You cannot perform this operation on a system object.

Action: Perform this operation on another object, not on a system object.

CMMNP5018E Error sending message to Metadata server. Please make sure the Metadata server is online.

Explanation: The master Metadata server could not communicate with a subordinate Metadata server.

Action: Make sure the subordinate Metadata server is online. If the problem continues, contact your service representative.

CMMNP5019E *variable_method*: Missing parameter detected.

Explanation: No additional information is available for this message.

CMMNP5020E Name exists.

Explanation: You cannot complete the specified task because the name you are using already exists.

Action: Specify a name that does not currently exist.

CMMNP5021E No memory.

Explanation: The SAN File System is out of dynamic memory.

Action: Perform the following actions in order to resolve the problem.

1. View the cluster log and correct any errors that may be related to this problem.
 2. Attempt to restart the Metadata server that ran out of memory.
 3. Contact your service representative.
-

CMMNP5022E Not attached.

Explanation: The operation that you are performing requires a container (fileset) to be attached. However, the container on which you are performing this operation is not currently attached.

Action: Make sure the container is attached and attempt to perform this operation again.

CMMNP5023E Not found.

Explanation: You cannot perform the specified operation because the object on which the operation is to be performed was not found.

Action: Make sure that you attempt to perform the specified operation on an existing object.

CMMNP5024E *variable_method* must be issued from the primary Administrative server.

Explanation: To perform this operation, you must be connected to the primary Administrative server.

Action: Perform the following actions to resolve this problem.

1. Make sure you are accessing the primary Administrative server, which provides you with administrative access to the master Metadata server. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
 2. View the administrative log and resolve any problems related to the primary Administrative server.
 3. View the cluster message log and resolve any problems related to the master Metadata server.
 4. Contact your service representative.
-

CMMNP5025E Not viable in the current context.

Explanation: This message indicates that while the operation you are trying to perform is a valid operation, the context in which you are performing it is not valid. For example, if you attempt to reattach a container and the directory name of the container is in the directory path of the attach point, you would receive this message.

Action: Make sure the operation you are performing is valid for the situation in which you are performing the operation.

CMMNP5026E Administrative server timed out.

Explanation: You are performing an operation that has taken longer than expected.

Action: Perform these actions in order to resolve the problem.

1. View the Administrative log and resolve any errors that might be related to this problem.
2. Attempt to perform this operation again.
3. If the problem continues, contact your service representative.

CMMNP5027E Policy bind errors.

Explanation: You are attempting to activate a policy, but the policy is not valid. Rules within the policy reference storage pools or containers (filesets) that are not available.

Action: Make sure all of the storage pools and containers references by the policy are available. You can also activate a different policy.

CMMNP5028E Policy syntax error.

Explanation: No additional information is available for this message.

CMMNP5029E Is root.

Explanation: You are attempting to perform an operation on the root container (fileset), but this operation is not allowed on the root container.

Action: Perform this operation on a container other than the root container.

CMMNP5030E Storage pool not found.

Explanation: You specified a storage pool to which the volume will be added, but the storage pool does not exist.

Action: Make sure that you specify an existing storage pool to which the volume will be added.

CMMNP5031E Subordinate error.

Explanation: No additional information is available for this message.

CMMNP5032E Transaction failed.

Explanation: The operation you are performing failed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
2. View the cluster log and resolve any errors that might be related to this problem.
3. Wait a few minutes and perform the operation again.
4. Contact your support representative.

CMMNP5033E Unknown command.

Explanation: No additional information is available for this message.

CMMNP5034E Volume in use.

Explanation: You cannot perform the operation on the volume because it is currently in use.

Action: Wait until the volume is no longer in use before attempting to perform the operation.

CMMNP5035E Volume not found.

Explanation: You cannot perform the operation on this volume because the volume does not exist.

Action: Make sure that you perform this operation on an existing volume.

CMMNP5036E Allocations already suspended.

Explanation: You cannot suspend allocations to this volume because they have already been suspended.

Action: No action is required.

CMMNP5037E Allocations were not previously suspended.

Explanation: You cannot activate allocations to this volume because allocations are already activated.

Action: No action is required.

CMMNP5038E Is attached.

Explanation: You cannot perform the operation against this container because the container is already attached or has nested containers.

Action: Detach all nested containers and detach this container before attempting to perform this operation.

CMMNP5039I End of iteration.

Explanation: No additional information is available for this message.

CMMNP5040E Iteration identifier is not valid.

Explanation: No additional information is available for this message.

CMMNP5041E File not found.

Explanation: The Administrative server could not find the specified log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the log again.
 2. Contact your service representative.
-

CMMNP5042E Cannot read file.

Explanation: The Administrative server has encountered an error while reading the specified log.

Action: Wait a few minutes and attempt to display the log again.

CMMNP5043I Unable to reach all Metadata servers in the cluster. The displayed information includes log messages only from a limited number of servers.

Explanation: The Administrative server cannot access log data for all Metadata servers in the cluster. Therefore, the displayed data will not be complete.

Action: Perform these actions to resolve the problem.

1. Verify that all Metadata servers in the cluster are accessible. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
 2. View the cluster log and resolve any problems that may be related to the availability of the Metadata servers in the cluster.
 3. View the administrative log and resolve any problems that may be related to the log data access.
-

CMMNP5044E Table is full.

Explanation: There are a maximum of 32 FlashCopy images that can be created for a container. You cannot create a FlashCopy image of the container because there are already 32 images created.

Action: To create a FlashCopy image, delete one or more existing FlashCopy images. Alternatively, you can force the creation of the FlashCopy image, which will automatically delete the oldest FlashCopy image for this container before creating the new image.

CMMNP5045E Directory exists.

Explanation: You are attempting to perform an operation on a FlashCopy image or a container (fileset), but the directory you specified already exists.

Action: Attempt to perform the operation again, specifying a directory that does not exist.

CMMNP5046E Incompatible operation.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the `lsproc` command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNP5047E Metadata server not found.

Explanation: The Metadata server on which this operation will be performed cannot be found.

Action: Make sure that you perform this operation on an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available. From the Administrative command-line interface, run the `lsserver` command. From the SAN File System console, view the Servers panel.

CMMNP5048E Cluster state is not valid.

Explanation: You cannot perform this operation because the cluster is not in a valid state.

Action: Make sure the cluster is in a state that is valid for the operation that you are performing. If the problem continues, contact your service representative.

CMMNP5049E Diskscan failed.

Explanation: No additional information is available for this message.

CMMNP5050E Disk not found.

Explanation: No additional information is available for this message.

CMMNP5051E Disk access denied.

Explanation: No additional information is available for this message.

CMMNP5052E Not labeled.

Explanation: No additional information is available for this message.

CMMNP5053E **Already labeled.**

Explanation: No additional information is available for this message.

CMMNP5054E **Disk not viable.**

Explanation: No additional information is available for this message.

CMMNP5055E **Duplicate master.**

Explanation: No additional information is available for this message.

CMMNP5056E **Not the master disk.**

Explanation: No additional information is available for this message.

CMMNP5057E **Wrong disk identifier.**

Explanation: No additional information is available for this message.

CMMNP5058E **Access denied.**

Explanation: No additional information is available for this message.

CMMNP5059E **The Metadata server ran out of space in the system pool.**

Explanation: No additional information is available for this message.

CMMNP5060E **Not a subordinate.**

Explanation: You must perform this operation from a subordinate Metadata server, not from the master Metadata server.

Action: Connect to a subordinate Metadata server and attempt to perform the operation again.

CMMNP5061E **State of subordinate is not valid.**

Explanation: You must run the setmaster command from a subordinate Metadata server, not from the master Metadata server.

Action: Connect to a subordinate Metadata server and attempt to run the setmaster command again.

CMMNP5062E **Canceled.**

Explanation: A metadata check was in progress, but a stop metadata check request has canceled this metadata check.

Action: If you wanted to cancel the metadata check currently in progress, no action is required. Otherwise, attempt to start a metadata check again.

CMMNP5063E **Could not connect to the Metadata server so your action could not be completed.**

Explanation: The primary Administrative agent is unable to connect to the master Metadata server. Therefore, the operation cannot be completed. This message can occur because you need to start the master Metadata server or because there are problems with the connection protocol.

Action: Perform the following actions to resolve this problem.

1. Make sure the master Metadata server is started and is online.
2. Check the cluster log for any additional errors related to this problem.
3. Make sure that the primary Administrative agent can communicate with the master Metadata server.
4. Contact your service representative.

CMMNP5064E Exceeded the connection limit to the Metadata server. Please try again later.

Explanation: The number of connections to the Metadata server is already at the maximum limit. Your request would exceed those limits.

Action: Wait a few minutes and make your request again. Alternatively, you can increase the Admin process limits.

CMMNP5065E Already enabled.

Explanation: You attempted to enable the automatic restart service, but it is already enabled.

Action: No action is required.

CMMNP5066E Already disabled.

Explanation: You attempted to disable the automatic restart service, but it is already disabled.

Action: No action is required.

CMMNP5067E Metadata server is offline.

Explanation: You are attempting to perform an operation on a container, but the Metadata server to which the container is assigned is offline. Therefore, the operation cannot be completed.

Action: Attempt to change the state of the Metadata server to online. Alternatively, you can assign the container to another Metadata server.

CMMNP5068E Could not save the server restart service state.

Explanation: No additional information is available for this message.

CMMNP5069E Could not become the master Metadata server.

Explanation: No additional information is available for this message.

CMMNP5070E *variable_method* already in process.

Explanation: No additional information is available for this message.

CMMNP5071E *variable_class* already up to date.

Explanation: No additional information is available for this message.

CMMNP5072E Not all Metadata servers in the cluster are the same version.

Explanation: No additional information is available for this message.

CMMNP5073E Could not communicate with the RSA card.

Explanation: The SAN File System cannot communicate with the RSA II card on an engine.

Action: Perform the following actions to resolve the problem.

1. Verify that the RSA adapter for the engine is functioning properly.
 2. Verify that there is connectivity to the RSA adapter for the engine.
 3. Wait a few minutes and attempt to perform the operation again.
 4. Contact your service representative.
-

CMMNP5074E Hard quota violation.

Explanation: The SAN File System has detected a hard quota violation for a container. This error could occur if you are attempting to switch from a soft quota to a hard quota for a container and the change would cause a violation of the hard quota.

Action: If you are attempting to modify a hard quota for a container, make sure that the percentage of the container currently being used does not exceed the hard quota limit. If the problem persists, contact your support representative.

CMMNP5075I Metadata Checker detected and repaired corruption(s) successfully.

Tip: Refer to cluster log for completion status and report details.

Explanation: No additional information is available for this message.

CMMNP5076E Metadata server configuration parameters do not match.

Explanation: No additional information is available for this message.

CMMNP5077E One or more configuration parameters are not valid.

Explanation: No additional information is available for this message.

CMMNP5078E *variable_class* name *variable_object_name* does not exist.

Explanation: No additional information is available for this message.

CMMNP5079I *variable_class* *variable_object_name* was created successfully.

Explanation: The storage pool was created successfully.

Action: No action is required.

CMMNP5080E Cannot create a *variable_class* with the name *variable_object_name* as this is a reserved system label.

Explanation: You are trying to create a pool with the name DEFAULT. However, DEFAULT is a reserved system label.

Action: To create a storage pool, use another storage pool name.

CMMNP5081E Cannot create a *variable_class* with the name *variable_object_name* as this is a reserved system label.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot create a storage pool using the name SYSTEM.

Action: Choose another name for the storage pool that you are creating.

CMMNP5082E *variable_class* *variable_object_name* already exists.

Explanation: You cannot create a storage pool with the name you specified because that name is already being used for an existing storage pool.

Action: Specify a different name for the storage pool that you are creating.

CMMNP5083I *variable_class* *variable_object_name* was removed successfully.

Explanation: No additional information is available for this message.

CMMNP5084E *variable_class* **name** *variable_object_name* **is referenced by the active policy or is not empty.**

Explanation: You cannot delete this storage pool because it contains volumes.

Action: Perform the following actions to remove this storage pool.

1. Make sure the storage pool does not contain volumes by removing all volumes from the storage pool.
2. After ensuring that the storage pool is not referenced by the active policy and does not contain any volumes, attempt to delete the storage pool again.

CMMNP5085E **Cannot delete the default** *variable_class*.

Explanation: You cannot delete the default storage pool.

Action: To delete this storage pool, you must first set another storage pool to be the default.

CMMNP5086E **Is Referenced.**

Explanation: You cannot delete the container (fileset) because it is currently referenced by the active policy.

Action: To delete this container, you must first ensure that the active policy does not reference it. Therefore, you must either activate another policy or you must edit the currently active policy to remove all references to this container.

CMMNP5087E **Cannot delete the system** *variable_class*.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot delete the system storage pool.

Action: If you need to delete a storage pool, choose another storage pool.

CMMNP5088E **Cannot rename the** *variable_class* **with the name** *variable_name* **as this is a reserved system label.**

Explanation: You cannot change the name of the storage pool to DEFAULT because it is reserved.

Action: To move this storage pool, you must choose another name.

CMMNP5089E **Cannot rename the** *variable_class* **with the name** *variable_name* **as this is a reserved system label.**

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot change the name of the system storage pool.

Action: Do not attempt to change the name of the system storage pool.

CMMNP5090E **New** *variable_class* **name** *variable_name* **already exists.**

Explanation: You cannot change the name of the storage pool because a storage pool with that name already exists.

Action: Specify a different name for the storage pool.

CMMNP5091I *variable_class* *variable_object_name* **is now the default pool.**

Explanation: No additional information is available for this message.

CMMNP5092E **Cannot change the default** *variable_class*.

Explanation: You are attempting to set a storage pool as the default, but it is already the default storage pool.

Action: If you want this storage pool to be the default storage, no action is required. Otherwise, choose another storage pool to set as the default.

CMMNP5093E Cannot set the SYSTEM *variable_class* to be the default storage pool.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot set the system storage pool to be the default storage pool.

Action: Choose another storage pool to set as the default storage pool.

CMMNP5094I *variable_class variable_object_name* was modified successfully.

Explanation: No additional information is available for this message.

CMMNP5095E Cannot change the description of system *variable_class*.

Explanation: No additional information is available for this message.

CMMNP5096I *variable_class variable_object_name* was created successfully.

Explanation: The volume was created successfully.

Action: No action is required.

CMMNP5097E Access denied for *variable_device* specified by -device.

Explanation: The SAN File System could not access the specified storage device name.

Action: Perform these actions to resolve the problem.

1. Verify that the device name exists and is accessible to the Metadata server.
 2. If the device is accessible, verify that the permissions on the device are set appropriately.
 3. Verify that the device name was entered correctly.
 4. If the problem continues, contact your support representative.
-

CMMNP5098E SAN File System label already exists on device *variable_device*, and it is also already defined as another *variable_class*.

Explanation: The SAN File system has detected a label that recognizes the LUN (as represented by the device name) as potentially part of another SAN File System.

Action: Perform these actions to resolve the problem.

1. List all available LUNs. From the Administrative command-line interface, run the `lslun` command. From the SAN File System Console, click Available LUNs from the Storage Pools General Settings panel.
 2. Make sure that you are adding an available LUN as a volume.
-

CMMNP5099E SAN File System label already exists on device *variable_device*. Use `-f` to overwrite the SAN File System label on *variable_device*.

Explanation: The SAN File System has detected a label that recognizes the LUN (as represented by the device). It may possibly be part of another SAN File System.

Action: Make sure that the LUN as represented by the device is not part of any SAN File System. Then, attempt to create the volume again, using the force option to have the SAN File System ignore the existing label.

CMMNP5100E Parameters for volume *variable_object_name* are not valid.

Explanation: No additional information is available for this message.

CMMNP5101E Disk not viable.

Explanation: The LUN given by the device name is not viable as a volume. The properties of the LUN will make the addition of the volume to a storage pool inviable. Potential reasons include:

- The LUN does not hold at least one partition.

- The local operating system device name is not viable as a global disk.
- Hashing using World Wide Name (WWN) conflicts.
- The sector size is less than 512 or greater than 4096.
- If it is being added to the system pool, the sector size is not the same as the other volumes in the system pool.

Action: Make sure that the LUN is configured appropriately and attempt to create the volume again. Alternatively, you can choose another LUN.

CMMNP5102E Input/output for device *variable_device* specified by **-device** failed.

Explanation: No additional information is available for this message.

CMMNP5103E *variable_class* name *variable_object_name* already exists.

Explanation: No additional information is available for this message.

CMMNP5104E Device specified by **-device** is not valid. Local device *variable_device* does not exist.

Explanation: You are attempting to create a volume, but the device you specified does not exist.

Action: Make sure that you specify a valid device name when creating a volume.

CMMNP5105E Storage pool *variable_pool* specified by **-pool** does not exist.

Explanation: You specified a storage pool to which the volume will be added, but the storage pool does not exist.

Action: Make sure that you specify an existing storage pool to which the volume will be added.

CMMNP5106I *variable_class* *variable_object_name* was removed successfully.

Explanation: No additional information is available for this message.

CMMNP5107E Access denied for *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5108E Access failed for *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5109E Input/output failed on **rmvol**.

Explanation: No additional information is available for this message.

CMMNP5110E *variable_class* name *variable_object_name* is in use.

Explanation: You are attempting to remove a volume, but the volume is not empty. It has files allocated to it.

Action: Perform one of the following actions to remove the volume

- Wait until the volume no longer has files allocated to it before attempting to delete it. You can run the `reportvolfiles` command from the Administrative command-line.
 - Attempt to force the removal of the volume. Note that if you force the removal of the volume all files that exist on the volume will be completely deleted. This includes any partial file data that exists on other volumes.
-

CMMNP5111E *variable_class* name *variable_object_name* does not exist.

Explanation: You cannot delete this volume because it does not exist.

Action: Make sure that the volume exists before you attempt to delete it.

CMMNP5112E There is not enough space on other volumes to move the volume contents.

Explanation: When you removal a volume and you do not force the removal, the SAN File System redistributes the contents of the volume to other volumes in the storage pool. You cannot delete the volume because there is not enough space to move the volume contents and you did not select a forced removal.

Action: Perform one of the following actions to delete this volume

- Make sure that there is enough space on other volumes in the storage pool to move the contents of this volume.
- Attempt to force the removal of the volume. Note that if you force the removal of the volume, all data associated with that volume will be deleted. This includes corresponding partial files on another volume.

CMMNP5113E The *variable_class variable_object_name* has files from a container assigned to a Metadata server that is offline.

Explanation: You are attempting to delete a volume. However, there are files in this volume from a container that is assigned to an offline Metadata server. Therefore, the deletion cannot be completed.

Action: Attempt to change the state of the Metadata server to online. Alternatively, you can assign the container to another Metadata server.

CMMNP5114I Ok.

Explanation: No additional information is available for this message.

CMMNP5115E Access denied for *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5116E Access failed for *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5117E *variable_class variable_object_name* is in the system pool.

Explanation: No additional information is available for this message.

CMMNP5118E *variable_class* name *variable_volume_name* is not valid. It contains unsupported characters.

Explanation: You are attempting to rename a volume, but the new name you have chosen contains characters that are not supported.

Action: Attempt to rename the volume again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNP5119E New *variable_class variable_name* already exists.

Explanation: You cannot rename the volume because a volume that the new name already exists.

Action: Specify a different name for the volume.

CMMNP5120I Ok.

Explanation: No additional information is available for this message.

CMMNP5121I *variable_class variable_object_name* **is not a user volume.**

Explanation: No additional information is available for this message.

CMMNP5122I **No files were found on** *variable_class variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5123I *variable_class variable_object_name* **activated.**

Explanation: No additional information is available for this message.

CMMNP5124E **Access denied for** *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5125E **Access failed for** *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5126E *variable_class* **name** *variable_object_name* **does not exist.**

Explanation: You cannot activate this volume because the volume does not exist.

Action: Make sure that you active a volume that currently exists.

CMMNP5127E *variable_class* **name** *variable_object_name* **is not suspended.**

Explanation: You cannot activate allocations to this volume because allocations are already activated.

Action: No action is required.

CMMNP5128I *variable_class variable_object_name* **suspended.**

Explanation: No additional information is available for this message.

CMMNP5129E **Access denied for** *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5130E **Access failed for** *variable_object_name*.

Explanation: No additional information is available for this message.

CMMNP5131E *variable_class variable_object_name* **does not exist.**

Explanation: You cannot suspend this volume because the volume does not exist.

Action: Make sure that you suspend a volume that already exists.

CMMNP5132E *variable_class* **name** *variable_object_name* **is not activated.**

Explanation: You cannot suspend allocations to this volume because the volume is not current an active volume. You can suspend only active volumes.

Action: No action is required.

CMMNP5133I *variable_class variable_object_name* **was modified successfully.**

Explanation: No additional information is available for this message.

CMMNP5134I *variable_class variable_container_name* **attached to directory** *variable_dir*.

Explanation: No additional information is available for this message.

CMMNP5135E **Attach directory** *variable_dir* **is not valid.**

Explanation: No additional information is available for this message.

CMMNP5136E **Attach directory** *variable_directory* **already exists.**

Explanation: You cannot attach the container (fileset) to the directory directory because a directory with the same name already exists in the directory path. When attaching a container, the attach point (directory path including the root of the global namespace) must exist but the actual directory cannot exist. It is created during the attachment process.

Action: Attempt to attach the container again, specifying a directory name that does not currently exist.

CMMNP5137E **Attach point** *variable_attach* **does not exist.**

Explanation: You cannot attach the container (fileset) to this attach point (directory path including the root of the global namespace) because it does not exist. The attach point must exist before you can attach a container to the attach point.

Action: Perform one of these actions to resolve the problem

- Make sure the attach point exists and then attempt to attach the container again.
 - Attach the container to an attach point that does currently exist.
-

CMMNP5138E **The combination of path and directory name makes the attach not viable.**

Explanation: You are attempting to reattach a container and you specified a directory name of the container is in the directory path of the attach point. For example, assume you have a container called c1dir. If you attempted to reattach this container to /sanfs/c1dir/c2dir, you would receive this message.

Action: Make sure the directory name of the container is not in the existing directory path of the attach point when reattaching the container.

CMMNP5139E *variable_class* **name** *variable_container_name* **is already attached to another location.**

Explanation: You cannot attach the container because it is already attached to another location.

Action: To attach the container to this location, you must first detach the container from the location to which it is currently attached.

CMMNP5140I *variable_class variable_container_name* **assigned to server** *variable_server*.

Explanation: No additional information is available for this message.

CMMNP5141E **The container is already assigned to the same Metadata server.**

Explanation: You are attempting to change the Metadata server to which a container (fileset) is assigned. However, the container is already assigned to the Metadata server that you chose.

Action: If you want to assign the container to that Metadata server, no action is required. Otherwise, attempt to assign the container to a different Metadata server.

CMMNP5142E You cannot change the Metadata server to which the root container is assigned.

Explanation: The root container (fileset) is always assigned to the master Metadata server. You cannot change this assignment.

Action: Do not attempt to change the Metadata server to which the root container is assigned.

CMMNP5143E Metadata server change transaction failed.

Explanation: The Metadata server could not be changed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNP5144E *variable_class variable_container_name* is not compatible with Metadata server *variable_server*.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the `lsproc` command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNP5145E Metadata server *variable_server_name* does not exist.

Explanation: You cannot change the assignment of the container to the Metadata server *server_name* because a Metadata server by that name does not exist.

Action: Make sure that you perform this operation on an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available (online, offline, or inactive). From the Administrative command-line interface, run the `lsserver` command. From the SAN File System console, view the Servers panel.

CMMNP5146E Cluster or Metadata server is not in a valid state.

Tip: The current Metadata server must be either offline or down. The target Metadata server must be in one of the following states: online, offline, or down.

Explanation: No additional information is available for this message.

CMMNP5147I *variable_class variable_container_name* was created successfully.

Explanation: The container (fileset) was created successfully.

Action: No action is required.

CMMNP5148E The container *variable_container_name* already exists.

Explanation: You cannot create a container (fileset) with the name you specified because that name is already being used for an existing container.

Action: Specify a different name for the container that you are creating.

CMMNP5149E Attach point *variable_attach* does not exist.

Explanation: You are attempting to create a container but the attach point does not exist. The attach point is used to specify where within the global namespace the container will be attached. Therefore, the attach point must already exist.

Action: Attempt to create the container again, specifying an attach point that currently exists.

CMMNP5150E Subordinate Metadata server error.

Explanation: No additional information is available for this message.

CMMNP5151E The transaction failed.

Explanation: The container (fileset) cannot be created because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNP5152E The attach directory *variable_dir* already exists.

Explanation: You are attempting to create a container, but the directory you specified (which will be the root of the container directory tree) already exists. The SAN File System creates the directory when it creates the container. Therefore, the directory cannot already exist.

Action: Attempt to create the container again. This time, specify a directory name that does not exist.

CMMNP5153E Metadata server *variable_server_name* does not exist.

Explanation: You cannot assign this container to the Metadata server *server_name* because a Metadata server by that name does not exist.

Action: Make sure that you assign the container to an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available (online, offline, or inactive). From the Administrative command-line interface, run the `lsserver` command. From the SAN File System console, view the Servers panel.

CMMNP5154I Container *variable_container_name* was removed successfully.

Explanation: No additional information is available for this message.

CMMNP5155E Container *variable_container_name* is not empty.

Tip: Use `-f` to delete the files and remove the container.

Explanation: You cannot delete the container (fileset) because it contains files.

Action: Perform one of the following actions to remove the container

- Make sure the container is empty by moving all files to another container or deleting the file.
 - Attempt to force the deletion of the container. Note that if you force the deletion of the container all files and directories in the container will be deleted as well.
-

CMMNP5156E The container *variable_container_name* cannot be deleted. It is referenced by the current active policy set.

Explanation: You cannot detach the container (fileset) because clients are currently accessing data within the container.

Action: Perform one of these actions to resolve the problem

- Wait until clients are no longer accessing files in the container before attempting to detach it.
 - Attempt to force the detachment of the container. Note that if you choose to force the detachment of the container, the files and directories in the container will be deleted, even those currently being accessed.
-

CMMNP5157E You cannot remove the root container.

Explanation: The root container must always assigned to the master Metadata server. Therefore, you cannot remove the root container.

Action: Do not attempt to remove the root container.

CMMNP5158I Container *variable_container_name* detached.

Explanation: No additional information is available for this message.

CMMNP5159E Container *variable_container_name* cannot be detached because there are nested containers that are still attached.

Explanation: You cannot detach this container (fileset) because nested containers are still attached to it.

Action: Detach all nested containers that are attached to this container. Then attempt to detach this container again.

CMMNP5160E The container *variable_container_name* cannot be detached. It is currently referenced by active clients.

Explanation: No additional information is available for this message.

CMMNP5161E Container *variable_container_name* is not attached.

Explanation: You cannot detach the container because it is not currently attached. You can detach only containers that are currently attached.

Action: No action is required.

CMMNP5162E You cannot detach the root container.

Explanation: The root container must always assigned to the master Metadata server. Therefore, you cannot detach the root container.

Action: Do not attempt to detach the root container.

CMMNP5163E Container *variable_container_name* is not detached. Detach the container before removing the container.

Explanation: You cannot remove the container because it is not detached.

Action: Detach the container and then attempt to remove it.

CMMNP5164I Container *variable_container_name* moved to directory *variable_attach*.

Explanation: No additional information is available for this message.

CMMNP5165E Container *variable_new_name* already exists.

Explanation: You cannot rename a container (fileset) to the name you specified because that name is already being used for an existing container.

Action: Specify a different name for the container. Alternatively, you can detach and delete the existing container by that name.

CMMNP5166I Container *variable_container_name* was modified successfully.

Explanation: No additional information is available for this message.

CMMNP5167E Current container size exceeds defined hard quota limit. Cannot switch to hard quota.

Explanation: You are attempting to switch from a soft quota to a hard quota for a container (fileset). However, the current size of the container is larger than the hard quota limit. Therefore, the change would cause a violation of the hard quota.

Action: Make sure that the percentage of the container currently being used does not exceed the hard quota limit.

CMMNP5168I *variable_class variable_object_name* on container *variable_container* was created successfully.

Explanation: The FlashCopy image was created successfully.

Action: No action is required.

CMMNP5169E Parameter formatted incorrectly.

Explanation: No additional information is available for this message.

CMMNP5170E *variable_class variable_object_name* already exists for container *variable_container*.

Explanation: You cannot create a FlashCopy image with the name you specified because that name is already being used for an existing FlashCopy image.

Action: Specify a different name for the FlashCopy image that you are creating. Alternatively, you can delete the existing FlashCopy image with that name.

CMMNP5171E Container *variable_container_name* not found.

Explanation: You are attempting to create a FlashCopy image of a container (fileset), but no container by the name *container_name* exists or is not currently assigned to a Metadata server.

Action: Make sure that you are attempting to create a FlashCopy image of a container that currently exists and is assigned to a Metadata server.

CMMNP5172E The transaction failed.

Explanation: The FlashCopy image could not be created because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNP5173E Directory *variable_dir* already exists.

Explanation: You are attempting to create a FlashCopy image, but the directory you specified already exists.

Action: Attempt to create the FlashCopy image again. This time, specify a directory name that does not exist. Alternatively, you can delete the existing FlashCopy image with this directory name and then create a new image with this directory name.

CMMNP5174E The container *variable_container* already contains the maximum number of *variable_classes* (32) and *-f* is not specified.

Explanation: No additional information is available for this message.

CMMNP5175E Incompatible operation.

Explanation: No additional information is available for this message.

CMMNP5176I *variable_class variable_object_name* for container *variable_container* successfully deleted.

Explanation: No additional information is available for this message.

CMMNP5177E The client is accessing the *variable_class* being removed and -f is not specified.

Explanation: You are attempting to delete a FlashCopy image, but a client is current accessing files from the image. Therefore, you cannot delete this image.

Action: Perform one of these actions to resolve the problem.

1. Wait a few minutes for client access of the FlashCopy image to complete. Then attempt to delete the FlashCopy image again.
 2. Attempt to force the deletion the FlashCopy image. Note that if you force the deletion of the image, any open files associated with the image will be lost, which may result in application errors.
-

CMMNP5178E *variable_class variable_image_name* not found for container *variable_container*.

Explanation: You are attempting to delete a FlashCopy image, but no image by the name *image_name* exists.

Action: No action is required.

CMMNP5179E The transaction failed.

Explanation: The FlashCopy image could not be deleted because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNP5180E Incompatible operation.

Explanation: No additional information is available for this message.

CMMNP5181E *variable_class variable_image_name* not found for container *variable_container*.

Explanation: No additional information is available for this message.

CMMNP5182I The *variable_class variable_object_name* successfully reverted.

Explanation: No additional information is available for this message.

CMMNP5183E A client is accessing the *variable_class* being restored and -f is not specified.

Explanation: You are attempting to revert a container (fileset) to a FlashCopy image, but a client is currently accessing files from that image. Therefore, you cannot revert the container to the FlashCopy image.

Note: Containers can have multiple images. If a client is accessing files in any of the images between the current container and the image you are trying to revert to, this message is displayed. For example, assume that there are 5 FlashCopy images, with 1 being the oldest image and 5 being the most recent image. If you attempt to revert to image 1 and a client is accessing files in any of the images between 1 and 5, this message appears.

Action: Perform one of these actions to resolve the problem

- Wait a few minutes for client access to the FlashCopy image to complete. Then attempt to revert the container to the FlashCopy image again.

- Attempt to revert the container to another FlashCopy image.
- Attempt to force the reversion of the container to the selected FlashCopy image. Note that if you specify a forced reversion, any open files associated with the container will be lost, which may result in application errors.

CMMNP5184E *variable_class variable_image_name not found for container variable_container.*

Explanation: You are attempting to revert a container to a FlashCopy image, but no image by the name *image_name* exists.

Action: Attempt to revert the container to an existing FlashCopy image.

CMMNP5185E **The transaction failed.**

Explanation: The attempt to revert the container (fileset) to the FlashCopy image could not be completed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
2. View the cluster log and resolve any errors that might be related to this problem.
3. Wait a few minutes and perform the operation again.
4. Contact your support representative.

CMMNP5186E **The container *variable_container* has nested containers.**

Tip: Use the **detachcontainer** command to remove nested containers before attempting to **reverttoimage**.

Explanation: You cannot revert to a FlashCopy image for the container because it currently has nested containers.

Action: Detach any nested containers. Then attempt to revert this container to a FlashCopy image.

CMMNP5187E **Incompatible operation.**

Explanation: No additional information is available for this message.

CMMNP5188E *variable_class variable_image_name for container variable_container does not exist.*

Explanation: No additional information is available for this message.

CMMNP5189I *variable_class variable_name is now the active policy.*

Explanation: No additional information is available for this message.

CMMNP5190E **Could not activate the *variable_class variable_name* because there is a duplicate reference *variable_VALUE_1 "variable_VALUE_2"* in the rule "*variable_rule*".**

Explanation: No additional information is available for this message.

CMMNP5191E *variable_class variable_name references unavailable pools or containers.*

Explanation: No additional information is available for this message.

CMMNP5192E **Could not activate the *variable_class variable_name* because the rule "*variable_rule*" references the *variable_VALUE_1 "variable_VALUE_2"* that does not exist.**

Explanation: You are attempting to activate a policy, but the policy is not valid. Rules within the policy reference storage pools or containers (filesets) that are not available.

Action: Make sure all of the storage pools and containers references by the policy are available. You can also activate a different policy.

CMMNP5193I *variable_class variable_name* was created successfully.

Explanation: The policy was created successfully.

Action: No action is required.

CMMNP5194E *variable_class variable_name* already exists.

Tip: Use -f to overwrite existing policy.

Explanation: You are attempting to create a new policy, but the name you have chosen for this policy already exists.

Action: If you want to create a new policy using this name, you must first delete the existing policy by that name. Alternatively, you can create a new policy using a different name.

Note: If you are running the `mkpolicy` command from the Administrative command-line interface, you can use the `-f` parameter to overwrite an existing policy.

CMMNP5195E *variable_class variable_name* is already active.

Tip: To use this name, make another policy active before running this command.

Explanation: You are attempting to modify the active policy. You can modify only those policies that are not active.

Action: To modify the currently active policy, you must first activate another policy, which will automatically deactivate this policy.

If you are using the SAN File System console, you can then create a new policy by cloning this policy.

If you are using the Administrative command-line interface, you can then create the policy again, specify the `force` parameter to overwrite this policy.

CMMNP5196E *variable_class variable_name* already exists.

Tip: Use -f to overwrite existing policy.

Explanation: You cannot create a policy with the name you specified because that name is already being used for an existing policy.

Action: Specify a different name for the policy that you are creating. Alternatively, you can specify the `-f` parameter to overwrite the existing policy.

CMMNP5197E Not found.

Explanation: No additional information is available for this message.

CMMNP5198E Could not create the policy because of a syntax error. "*variable_VALUE_2 variable_VALUE_3TAG variable_VALUE_4TAG*" generated this error message: *variable_VALUE_1TAG*

Explanation: No additional information is available for this message.

CMMNP5199I Policy *variable_name* was removed successfully.

Explanation: No additional information is available for this message.

CMMNP5200E Policy *variable_name* is the active policy.

Tip: Run usepolicy to activate a different policy before removing this policy.

Explanation: You cannot remove the active policy. You can remove only policies that are inactive.

Action: To remove this policy, activate another policy, which will deactivate this policy. Then, attempt to remove the policy again.

CMMNP5201E You cannot remove the policy named DEFAULT_POLICY.

Explanation: You cannot remove the policy named DEFAULT_POLICY because it is the system default policy.

Action: No action is required.

CMMNP5202I Ok.

Explanation: No additional information is available for this message.

CMMNP5203E Not viable

Explanation: No additional information is available for this message.

CMMNP5204I Ok.

Explanation: No additional information is available for this message.

CMMNP5205I Server *variable_IP_address* added to the cluster.

Explanation: No additional information is available for this message.

CMMNP5206E The attempt to add server *variable_IP_address* to the cluster was unsuccessful.

Explanation: No additional information is available for this message.

CMMNP5207E The attempt to add server *variable_IP_address* to the cluster was unsuccessful.

Explanation: The attempt to add the Metadata server at IP_address to the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to adding the Metadata server.
 2. View the cluster log and correct any errors that may be related to adding the Metadata server.
 3. Attempt to add the Metadata server again.
 4. Contact your support representative.
-

CMMNP5208E Invalid parameter detected for addserver command.

Explanation: No additional information is available for this message.

CMMNP5209E Not found.

Explanation: You are attempting to add a Metadata server to the cluster, but the Metadata server you are attempting to add does not exist.

Action: Make sure the Metadata server exists before attempting to add it to the cluster.

CMMNP5210I Cluster upgrade successful.

Explanation: No additional information is available for this message.

CMMNP5211E A cluster upgrade is already in progress.

Explanation: No additional information is available for this message.

CMMNP5212E All server software in the cluster is already up-to-date.

Explanation: No additional information is available for this message.

CMMNP5213E One or more servers in the cluster have not been upgraded to the new version of the software.

Explanation: No additional information is available for this message.

CMMNP5214I Server *variable_IP_address* dropped from the cluster.

Explanation: No additional information is available for this message.

CMMNP5215E The attempt to drop server *variable_IP_address* from the cluster was unsuccessful.

Explanation: No additional information is available for this message.

CMMNP5216E The attempt to drop server *variable_IP_address* from the cluster was unsuccessful.

Explanation: The attempt to drop the Metadata server at IP_address could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to dropping the Metadata server.
 2. View the cluster log and correct any errors that may be related to dropping the Metadata server.
 3. Attempt to drop the Metadata server again.
 4. Contact your support representative.
-

CMMNP5217E The server is currently hosting containers.

Tip: Use the `setcontainerserver` command to reassign containers to another server.

Explanation: No additional information is available for this message.

CMMNP5218E Invalid parameter detected for `dropserver` command.

Explanation: No additional information is available for this message.

CMMNP5219E Not found.

Explanation: You are attempting to drop a Metadata server from the cluster, but the Metadata server you are attempting to drop does not exist.

Action: Make sure the Metadata server exists before attempting to drop it to the cluster.

CMMNP5220I Metadata check complete.

Tip: Refer to cluster log for completion status and report details.

Explanation: No additional information is available for this message.

CMMNP5221E Another metadata check is already active.

Explanation: You attempted to start a metadata check, but there is already a metadata check in progress. Only one metadata check can be in progress at a time.

Action: To start a new metadata check, perform one of these actions

- Wait until the current metadata check has completed.
 - Stop the current metadata check.
-

CMMNP5222E Integrity lost. Corruption detected.

Tip: Refer to cluster log for status information and report details.

Explanation: No additional information is available for this message.

CMMNP5223E A parameter is not valid.

Tip: Check the container list values for validity.

Explanation: No additional information is available for this message.

CMMNP5224E Incompatible operation.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the lsproc command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNP5225E A stop metadata check request has canceled the metadata check.

Explanation: A metadata check was in progress, but a stop metadata check request has canceled this metadata check.

Action: If you wanted to cancel the metadata check currently in progress, no action is required. Otherwise, attempt to start a metadata check again.

CMMNP5226E Cannot connect to the Metadata server.

Explanation: The primary Administrative agent is unable to connect to the master Metadata server. Therefore, the metadata check cannot be completed. This message can occur because you need to start the master Metadata server or because there are problems with the connection protocol.

Action: Perform the following actions to resolve this problem.

1. Make sure the master Metadata server is started and is online.
 2. Check the cluster log for any additional errors related to this problem.
 3. Make sure that the primary Administrative agent can communicate with the master Metadata server.
 4. Contact your service representative.
-

CMMNP5227E Exceeded the connection limit to the Metadata server. Please try again later.

Explanation: The number of connections to the Metadata server is already at the maximum limit. Your request would exceed those limits.

Action: Wait a few minutes and make your request again. Alternatively, you can increase the Admin process limits.

CMMNP5228I Metadata Checker detected and repaired corruption(s) successfully.

Tip: Refer to cluster log for completion status and report details.

Explanation: No additional information is available for this message.

CMMNP5229I Cluster successfully in quiescent state.

Explanation: No additional information is available for this message.

CMMNP5230E The command quiescecluster is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5231E The attempt to quiesce the cluster failed.

Explanation: An attempt to quiesce the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to quiescing the cluster.
 2. View the cluster log and correct any errors that may be related to quiescing the cluster.
 3. Attempt to quiesce the cluster again.
 4. Contact your support representative.
-

CMMNP5232E A parameter is not valid.

Explanation: No additional information is available for this message.

CMMNP5233I Cluster successfully returned to online state.

Explanation: No additional information is available for this message.

CMMNP5234E The command resumecluster is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5235E The attempt to resume the cluster failed.

Explanation: The attempt to resume the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to resuming the cluster.
 2. View the cluster log and correct any errors that may be related to resuming the cluster.
 3. Attempt to resume the cluster again.
 4. Contact your support representative.
-

CMMNP5236I Cluster started successfully.

Explanation: No additional information is available for this message.

CMMNP5237E The command startcluster is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5238E The attempt to start the cluster failed.

Explanation: The attempt to start the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to starting the cluster.
 2. View the cluster log and correct any errors that may be related to starting the cluster.
 3. Attempt to start the cluster again.
 4. Contact your support representative.
-

CMMNP5239E The cluster is already running.

Explanation: You cannot start the cluster because it is already running.

Action: No action is required.

CMMNP5240I Metadata check canceled.

Explanation: No additional information is available for this message.

CMMNP5241E A metadata check is not currently in progress.

Explanation: You are attempting to stop a metadata check, but there is no metadata check currently running.

Action: No action is required.

CMMNP5242I Cluster shutdown successfully.

Explanation: No additional information is available for this message.

CMMNP5243E The command stopcluster is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5244E The attempt to stop the cluster failed.

Explanation: The attempt to stop the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to stopping the cluster.
 2. View the cluster log and correct any errors that may be related to stopping the cluster.
 3. Attempt to stop the cluster again.
 4. Contact your support representative.
-

CMMNP5245I Server *variable_server_name* is the new master server.

Explanation: No additional information is available for this message.

CMMNP5246E The setmaster command must be issued from a subordinate server, not the current master server.

Explanation: You must run the setmaster command from a subordinate Metadata server, not from the master Metadata server.

Action: Connect to a subordinate Metadata server and attempt to run the setmaster command again.

CMMNP5247E The subordinate server is not in the joining or forming state.

Explanation: The subordinate Metadata server from which you run the setmaster command must be in either the joining or forming state.

Action: Connect to a subordinate Metadata server that is in an appropriate state and run the command again.

CMMNP5248I Server *variable_server_name* started successfully.

Explanation: No additional information is available for this message.

CMMNP5249E The command `startserver` is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5250E The attempt to start Metadata server `variable_server_name` failed.

Explanation: The attempt to start the Metadata server `server_name` could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to starting the Metadata server.
 2. View the cluster log and correct any errors that may be related to starting the Metadata server.
 3. Attempt to start the Metadata server again.
 4. Contact your support representative.
-

CMMNP5251E Metadata server `variable_server_name` is already running.

Explanation: You cannot start this Metadata server because it is already started. You can only start Metadata servers that are currently stopped.

Action: If this is the Metadata server that you are trying to start, no action is required. Otherwise, make sure that the Metadata server that you are attempting to start is currently stopped.

CMMNP5252I Server `variable_server_name` stopped gracefully.

Explanation: No additional information is available for this message.

CMMNP5253E The command `stopserver` is not supported in this server.

Explanation: No additional information is available for this message.

CMMNP5254E The attempt to stop `variable_server_name` failed.

Explanation: The attempt to stop Metadata server `server_name` could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to stopping the Metadata server.
 2. View the Cluster log and correct any errors that may be related to stopping the Metadata server.
 3. Attempt to stop the Metadata server again.
 4. Contact your support representative.
-

CMMNP5255I Ok.

Explanation: No additional information is available for this message.

CMMNP5256I Ok.

Explanation: No additional information is available for this message.

CMMNP5257I The audit log was cleared.

Explanation: No additional information is available for this message.

CMMNP5258I Ok.

Explanation: No additional information is available for this message.

CMMNP5259E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5260E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5261I Ok.

Explanation: No additional information is available for this message.

CMMNP5262E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5263E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5264I Ok.

Explanation: No additional information is available for this message.

CMMNP5265E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5266E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5267I Ok.

Explanation: No additional information is available for this message.

CMMNP5268E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5269E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5270I The catlog command was successful.

Explanation: No additional information is available for this message.

CMMNP5271I No entries in the audit log.

Explanation: No additional information is available for this message.

CMMNP5272I The Administrative log was cleared.

Explanation: No additional information is available for this message.

CMMNP5273I Ok.

Explanation: No additional information is available for this message.

CMMNP5274E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
 2. Contact your service representative.
-

CMMNP5275E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNP5276I Ok.

Explanation: No additional information is available for this message.

CMMNP5277E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
 2. Contact your service representative.
-

CMMNP5278E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNP5279I Ok.

Explanation: No additional information is available for this message.

CMMNP5280E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
2. Contact your service representative.

CMMNP5281E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNP5282I Ok.

Explanation: No additional information is available for this message.

CMMNP5283E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
2. Contact your service representative.

CMMNP5284E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNP5285I The catlog command was successful.

Explanation: No additional information is available for this message.

CMMNP5286I No entries in the *variable_log* log.

Explanation: No additional information is available for this message.

CMMNP5287I The security log was cleared.

Explanation: No additional information is available for this message.

CMMNP5288I Ok.

Explanation: No additional information is available for this message.

CMMNP5289E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5290E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5291I Ok.

Explanation: No additional information is available for this message.

CMMNP5292E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5293E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5294I Ok.

Explanation: No additional information is available for this message.

CMMNP5295E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5296E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5297I Ok.

Explanation: No additional information is available for this message.

CMMNP5298E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5299E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5300I The catlog command was successful.

Explanation: No additional information is available for this message.

CMMNP5301I No entries in the security log.

Explanation: No additional information is available for this message.

CMMNP5302I The cluster log was cleared.

Explanation: All entries in the cluster message log were cleared successfully.

Action: No action is required.

CMMNP5303I Ok.

Explanation: No additional information is available for this message.

CMMNP5304E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5305E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5306I Ok.

Explanation: No additional information is available for this message.

CMMNP5307I End of Iteration

Explanation: No additional information is available for this message.

CMMNP5308E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5309E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5310I Ok.

Explanation: No additional information is available for this message.

CMMNP5311E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5312E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5313I Ok.

Explanation: No additional information is available for this message.

CMMNP5314E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5315E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5316I The catlog command was successful.

Explanation: No additional information is available for this message.

CMMNP5317I No entries in the cluster log.

Explanation: No additional information is available for this message.

CMMNP5318I Ok.

Explanation: No additional information is available for this message.

CMMNP5319E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5320E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5321I Ok.

Explanation: No additional information is available for this message.

CMMNP5322E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5323E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5324I Ok.

Explanation: No additional information is available for this message.

CMMNP5325E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5326E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5327I Ok.

Explanation: No additional information is available for this message.

CMMNP5328E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNP5329E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNP5330I The catlog command was successful.

Explanation: No additional information is available for this message.

CMMNP5331I No entries in the event log.

Explanation: No additional information is available for this message.

CMMNP5332I All user authorizations were reset.

Explanation: Authorizations for all administrative users have been reset successfully.

Action: No action is required.

CMMNP5333I Cluster successfully modified. Restart the cluster for all changes to apply.

Explanation: No additional information is available for this message.

CMMNP5334E Due to previous advanced configuration changes, this command cannot be issued until you restart the cluster.

Explanation: No additional information is available for this message.

CMMNP5335I The cluster was modified successfully.

Explanation: No additional information is available for this message.

CMMNP5336E Due to previous advanced configuration changes, this command cannot be issued until you restart the cluster.

Explanation: No additional information is available for this message.

CMMNP5337I SNMP trap event level was set successfully.

Explanation: The event level for generating SNMP traps was set successfully.

Action: No action is required.

CMMNP5338I SNMP manager was added successfully.

Explanation: The SNMP manager was added successfully.

Action: No action is required.

CMMNP5339E The information specified is a duplicate of an existing SNMP manager.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

CMMNP5340E Due to previous advanced configuration changes, this command cannot be issued until you restart the cluster.

Explanation: No additional information is available for this message.

CMMNP5341E You have exceeded the number of SNMP managers that can be assigned.

Explanation: No additional information is available for this message.

CMMNP5342I SNMP manager *variable_manager_id* was removed successfully.

Explanation: The SNMP manager was removed successfully.

Action: No action is required.

CMMNP5343E SNMP manager *variable_manager_id* does not exist.

Explanation: No additional information is available for this message.

CMMNP5344E Due to previous advanced configuration changes, this command cannot be issued until you restart the cluster.

Explanation: No additional information is available for this message.

CMMNP5345E SNMP manager *variable_manager_id* does not exist.

Explanation: No additional information is available for this message.

CMMNP5346E The operation submitted to *variable_class variable_engine_name* is not supported.

Explanation: No additional information is available for this message.

CMMNP5347E Operation failed. Cannot access the RSA provider.

Explanation: You are attempting to set the power state for an engine, but the SAN File System is unable to communicate with the RSA adapter for that engine. Therefore, the power state cannot be set.

Action: Perform the following actions to resolve the problem

1. Verify that the RSA adapter for the engine is functioning properly and that there is connectivity to the RSA adapter for the engine. From the SAN File system console, you can view engine properties to determine if the RSA adapter is functioning. From the Administrative command-line interface, you can run the `statengine` command.
 2. View the Administrative error log and resolve any problems found in the log that are related to this engine.
 3. Attempt to set the power state again.
 4. Contact your service representative.
-

CMMNP5348E The *variable_class_name variable_engine_name* is already started.

Explanation: No additional information is available for this message.

CMMNP5349E The *variable_class_name variable_engine_name* is already stopped.

Explanation: No additional information is available for this message.

CMMNP5350E RSA is not available.

Explanation: You are attempting to set the power state for an engine, but the SAN File System is unable to communicate with the RSA adapter for that engine. Therefore, the power state cannot be set.

Action: Perform the following actions to resolve the problem

1. Verify that the RSA adapter for the engine is functioning properly.
 2. Verify that there is connectivity to the RSA adapter for the engine.
 3. Wait a few minutes and attempt to set the power state again.
 4. Contact your service representative.
-

CMMNP5351I *variable_class variable_engine_name* was restarted successfully.

Explanation: The engine was restarted successfully.

Action: No action is required.

CMMNP5352I A start request has been sent to *variable_class_name* *variable_engine_name*.

Tip: Run the `lsengine` command for current *variable_class_name* status.

Explanation: The engine was started successfully.

Action: No action is required.

CMMNP5353E Attempt to start storage engine *variable_engine_name* failed. The engine is already started.

Explanation: You attempted to start an engine that is already started.

Action: No action is required.

CMMNP5354I Ok.

Explanation: No additional information is available for this message.

CMMNP5355I A stop request has been sent to *variable_class_name* *variable_engine_name*.

Tip: Run the `lsengine` command for current *variable_class_name* status.

Explanation: The engine was shut down successfully.

Action: No action is required.

CMMNP5356E Attempt to shutdown engine *engine_name* unsuccessful. Storage engine was already shutdown.

Explanation: You attempted to shut down an engine that is already shut down.

Action: No action is required.

CMMNP5357I The diagnostic file was created successfully for *variable_class* *variable_engine_name*.

Tip: See `/usr/tank/pmf` to read the diagnostic files.

Explanation: The diagnostic file was created successfully.

Action: No action is required.

CMMNP5358I Disaster recovery file *variable_file_name* was created successfully.

Explanation: The disaster recovery file was created successfully.

Action: No action is required.

CMMNP5359E The file name *variable_file_name* already exists.

Explanation: You are attempting to create a disaster recovery file, but a disaster recovery file with the name *file_name* already exists.

Action: Attempt to create the disaster recovery file again, using a name that does not currently exist. You can also choose to force the creation of a disaster recovery file with the name *file_name*, which will overwrite the existing disaster recovery file.

CMMNP5360E Not enough space for the disaster recovery file *variable_file_name*.

Explanation: You are attempting to create a disaster recovery file, but there is not enough space available on the local disk of the master Metadata server to store the disaster recovery file.

Note: Disaster recovery files are stored in `/usr/tank/server/DR` on the local disk of the engine hosting the master Metadata server. They are not stored on the SAN.

Action: Perform one of these actions to resolve the problem

1. Delete an existing disaster recovery file.
2. Increase the amount of space available on the local disk of the engine hosting the master Metadata server.

After resolving the problem, attempt to create a disaster recovery file again.

CMMNP5361I Disaster recovery file *variable_file_name* was removed successfully.

Explanation: The disaster recovery script file *file_name* was removed successfully.

Action: No action is required.

CMMNP5362I Disaster recovery script files for *variable_file_name* were built successfully.

Explanation: The disaster recovery script files for the file *file_name* were built successfully.

Action: No action is required.

CMMNP5363E Not enough space to create disaster recovery script files.

Explanation: You are attempting to build the set of script files needed to recreate the metadata in the dump file, but there is not enough space available on the local disk of the master Metadata server to store the disaster recovery file.

Note: Disaster recovery script files are stored in `/usr/tank/server/DR` on the local disk of the engine hosting the master Metadata server. They are not stored on the SAN.

Action: Increase the amount of space available on the local disk of the engine hosting the master Metadata server. Then attempt to build the disaster recovery script files again.

CMMNP5364I The automatic restart service for server *variable_server_name* successfully disabled.

Explanation: The automatic restart service was successfully disabled.

Action: No action is required.

CMMNP5365E The automatic restart service for Metadata server *variable_server_name* is already disabled.

Explanation: You are attempting to disable the automatic restart service for the Metadata server *server_name* but the service has already been disabled for this Metadata server.

Action: The automatic restart service is already disabled so no action is required.

CMMNP5366I The automatic restart service for Metadata server *variable_server_name* was successfully enabled.

Explanation: The automatic restart service was successfully enabled.

Action: No action is required.

CMMNP5367E The automatic restart service for Metadata server *variable_server_name* already enabled.

Explanation: You are attempting to enable the automatic restart service for the Metadata server *server_name*, but the service has already been enabled for this Metadata server.

Action: The automatic restart service is already enabled so no action is required.

CMMNP5368E Incompatible operation. The *variable_class_name* *variable_engine_name* is currently OFFLINE.

Explanation: An attempt was made to restart an Offline Engine. Offline Engines may only be started, not restarted.

Action: An Engine needs to be online to be restarted. Offline Engines can only be started.

CMMNP5369E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNP5370E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNP5371E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNP5372E *variable_class* name *variable_new_name* is not valid. It contains unsupported characters.

Explanation: You are attempting to rename a container (fileset), but the new name you have chosen contains characters that are not supported.

Action: Attempt to create the container again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNP5373E Container *variable_container_name* is not detached. Detach the container before removing it.

Explanation: You cannot remove the container because it is not detached.

Action: Detach the container and then attempt to remove it.

CMMNW5001E Unexpected error. Try to run the task again. If the problem continues, contact your service representative.

Explanation: The system encountered an unexpected error.

Action: Attempt to run the task again. If you see the same error, contact your service representative.

CMMNW5002E The feature is not supported in the current release.

Explanation: No additional information is available for this message.

CMMNW5003E Access failed.

Explanation: No additional information is available for this message.

CMMNW5004E Already defined.

Explanation: You are attempting to perform an operation using a name that is already in use.

Action: Perform the operation again, specifying a different name.

CMMNW5005E Command failed.

Explanation: A command that you entered could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to the failure of the command.
 2. View the cluster log and correct any errors that may be related to the failure of the command.
-

3. Attempt to run the command again.
4. Contact your support representative.

CMMNW5006E In use.

Explanation: You cannot perform this task, because the object on which this task will be performed is currently in use.

Action: Wait until the object is not in use and then attempt to perform the task again.

CMMNW5007E Index error.

Explanation: No additional information is available for this message.

CMMNW5008E Insufficient space.

Explanation: You are attempting to perform an operation on an object, and the object needs more space than is available

Action: Make sure that there is sufficient space before attempting to perform the operation again.

CMMNW5009E Integrity lost. Corruption detected. Tip: Refer to cluster log for status information and report details.

Explanation: The SAN File System has detected corruption in the metadata.

Action: Perform these actions in order to begin resolving the problem.

1. View the Cluster log to obtain information about the metadata corruption.
2. Perform a check metadata operation, specifying that you want to repair all problems found in the metadata.
 - a. If you are using the Administrative command-line interface, run the filesystemcheck command.
 - b. If you are using the SAN File System console, from the main menu, click Maintain System and then click Check Metadata.
3. Contact your support representative.

CMMNW5010E Name is not valid. It contains unsupported characters.

Explanation: You cannot perform this task because the name you have chosen is not valid.

Action: Attempt to perform this task again using a valid file name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNW5011E Specified parameter is not valid.

Explanation: One of the parameters you specified is not valid.

Action: Make sure that all of the parameters you specify are valid.

CMMNW5012E Size is not valid.

Explanation: The size for the volume is not valid. It must be equal to or greater than the size of one partition for user storage pools. For the system storage pool, it must be the same size as existing volumes.

Action: Make sure that the volume is a valid size.

CMMNW5013E I/O failed.

Explanation: There was an I/O failure on the device against which you were performing a command.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to the I/O failure.
2. View the Cluster log and correct any errors that may be related to the I/O failure.
3. Contact your support representative.

CMMNW5014E Default (in any combination of uppercase or lowercase letters) is reserved.

Explanation: You are trying to perform an operation on the default storage pool or default policy. However, the operation is not allowed on the default storage pool or policy.

Action: Perform the operation against another storage pool or policy.

CMMNW5015E Is referenced.

Explanation: You cannot perform this operation on the specified object because the object is active or is referenced by another object.

Action: Wait until the object is not active before attempting to perform this operation.

CMMNW5016E System (in any combination of uppercase or lowercase letters) is reserved.

Explanation: You are attempting to perform an operation on an object that is a system object. You cannot perform this operation on a system object.

Action: Perform this operation on another object, not on a system object.

CMMNW5017E Error sending message to Metadata server. Please make sure the Metadata server is online.

Explanation: The master Metadata server could not communicate with a subordinate Metadata server.

Action: Make sure the subordinate Metadata server is online. If the problem continues, contact your service representative.

CMMNW5018E Missing parameter detected.

Explanation: No additional information is available for this message.

CMMNW5019E Name exists.

Explanation: You cannot complete the specified task because the name you are using already exists.

Action: Specify a name that does not currently exist.

CMMNW5020E No memory.

Explanation: The SAN File System is out of dynamic memory.

Action: Perform the following actions in order to resolve the problem.

1. View the cluster log and correct any errors that may be related to this problem.
2. Attempt to restart the Metadata server that ran out of memory.
3. Contact your service representative.

CMMNW5021E Not attached.

Explanation: The operation that you are performing requires a container (fileset) to be attached. However, the container on which you are performing this operation is not currently attached.

Action: Make sure the container is attached and attempt to perform this operation again.

CMMNW5022E Not found.

Explanation: You cannot perform the specified operation because the object on which the operation is to be performed was not found.

Action: Make sure that you attempt to perform the specified operation on an existing object.

CMMNW5023E This command must be run on the primary Administrative server.

Explanation: To perform this operation, you must be connected to the primary Administrative server.

Action: Perform the following actions to resolve this problem.

1. Make sure you are accessing the primary Administrative server, which provides you with administrative access to the master Metadata server. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
 2. View the administrative log and resolve any problems related to the primary Administrative server.
 3. View the cluster message log and resolve any problems related to the master Metadata server.
 4. Contact your service representative.
-

CMMNW5024E Cannot perform specified task because it is not viable in the current context.

Explanation: This message indicates that while the operation you are trying to perform is a valid operation, the context in which you are performing it is not valid. For example, if you attempt to reattach a container and the directory name of the container is in the directory path of the attach point, you would receive this message.

Action: Make sure the operation you are performing is valid for the situation in which you are performing the operation.

CMMNW5025E Administrative server timed out.

Explanation: You are performing an operation that has taken longer than expected.

Action: Perform these actions in order to resolve the problem.

1. View the Administrative log and resolve any errors that might be related to this problem.
 2. Attempt to perform this operation again.
 3. If the problem continues, contact your service representative.
-

CMMNW5026E Policy bind errors.

Explanation: You are attempting to activate a policy, but the policy is not valid. Rules within the policy reference storage pools or containers (filesets) that are not available.

Action: Make sure all of the storage pools and containers references by the policy are available. You can also activate a different policy.

CMMNW5027E Policy syntax error.

Explanation: No additional information is available for this message.

CMMNW5028E Is root.

Explanation: You are attempting to perform an operation on the root container (fileset), but this operation is not allowed on the root container.

Action: Perform this operation on a container other than the root container.

CMMNW5029E Storage pool not found.

Explanation: You specified a storage pool to which the volume will be added, but the storage pool does not exist.

Action: Make sure that you specify an existing storage pool to which the volume will be added.

CMMNW5030E Subordinate error.

Explanation: No additional information is available for this message.

CMMNW5031E Transaction failed.

Explanation: The operation you are performing failed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNW5032E Unknown command.

Explanation: No additional information is available for this message.

CMMNW5033E Volume in use.

Explanation: You cannot perform the operation on the volume because it is currently in use.

Action: Wait until the volume is no longer in use before attempting to perform the operation.

CMMNW5034E Volume not found.

Explanation: You cannot perform the operation on this volume because the volume does not exist.

Action: Make sure that you perform this operation on an existing volume.

CMMNW5035E Allocations already suspended.

Explanation: You cannot suspend allocations to this volume because they have already been suspended.

Action: No action is required.

CMMNW5036E Allocations were not previously suspended.

Explanation: You cannot activate allocations to this volume because allocations are already activated.

Action: No action is required.

CMMNW5037E Is attached.

Explanation: You cannot perform the operation against this container because the container is already attached or has nested containers.

Action: Detach all nested containers and detach this container before attempting to perform this operation.

CMMNW5038I End of iteration.

Explanation: No additional information is available for this message.

CMMNW5039E Iteration identifier is not valid.

Explanation: No additional information is available for this message.

CMMNW5040E File not found.

Explanation: The Administrative server could not find the specified log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the log again.
 2. Contact your service representative.
-

CMMNW5041E Cannot read file.

Explanation: The Administrative server has encountered an error while reading the specified log.

Action: Wait a few minutes and attempt to display the log again.

CMMNW5042I Unable to reach all Metadata servers in the cluster. The displayed information includes log messages only from a limited number of servers.

Explanation: The Administrative server cannot access log data for all Metadata servers in the cluster. Therefore, the displayed data will not be complete.

Action: Perform these actions to resolve the problem.

1. Verify that all Metadata servers in the cluster are accessible. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
 2. View the cluster log and resolve any problems that may be related to the availability of the Metadata servers in the cluster.
 3. View the administrative log and resolve any problems that may be related to the log data access.
-

CMMNW5043E Table is full.

Explanation: There are a maximum of 32 FlashCopy images that can be created for a container. You cannot create a FlashCopy image of the container because there are already 32 images created.

Action: To create a FlashCopy image, delete one or more existing FlashCopy images. Alternatively, you can force the creation of the FlashCopy image, which will automatically delete the oldest FlashCopy image for this container before creating the new image.

CMMNW5044E Directory exists.

Explanation: You are attempting to perform an operation on a FlashCopy image or a container (fileset), but the directory you specified already exists.

Action: Attempt to perform the operation again, specifying a directory that does not exist.

CMMNW5045E Incompatible operation.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the `lsproc` command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNW5046E Metadata server not found.

Explanation: The Metadata server on which this operation will be performed cannot be found.

Action: Make sure that you perform this operation on an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available. From the Administrative command-line interface, run the `lserver` command. From the SAN File System console, view the Servers panel.

CMMNW5047E Cluster state is not valid.

Explanation: You cannot perform this operation because the cluster is not in a valid state.

Action: Make sure the cluster is in a state that is valid for the operation that you are performing. If the problem continues, contact your service representative.

CMMNW5048E Diskscan failed.

Explanation: No additional information is available for this message.

CMMNW5049E Disk not found.

Explanation: No additional information is available for this message.

CMMNW5050E Disk access denied.

Explanation: No additional information is available for this message.

CMMNW5051E Not labeled.

Explanation: No additional information is available for this message.

CMMNW5052E Already labeled.

Explanation: No additional information is available for this message.

CMMNW5053E Disk not viable.

Explanation: No additional information is available for this message.

CMMNW5054E Duplicate master.

Explanation: No additional information is available for this message.

CMMNW5055E Not the master disk.

Explanation: No additional information is available for this message.

CMMNW5056E Wrong disk identifier.

Explanation: No additional information is available for this message.

CMMNW5057E Access denied.

Explanation: No additional information is available for this message.

CMMNW5058E The Metadata server ran out of space in the system pool.

Explanation: No additional information is available for this message.

CMMNW5059E Not a subordinate.

Explanation: You must perform this operation from a subordinate Metadata server, not from the master Metadata server.

Action: Connect to a subordinate Metadata server and attempt to perform the operation again.

CMMNW5060E State of subordinate is not valid.

Explanation: You must run the setmaster command from a subordinate Metadata server, not from the master Metadata server.

Action: Connect to a subordinate Metadata server and attempt to run the setmaster command again.

CMMNW5061E Canceled.

Explanation: A metadata check was in progress, but a stop metadata check request has canceled this metadata check.

Action: If you wanted to cancel the metadata check currently in progress, no action is required. Otherwise, attempt to start a metadata check again.

CMMNW5062E Could not connect to the Metadata server so your action could not be completed.

Explanation: The primary Administrative agent is unable to connect to the master Metadata server. Therefore, the operation cannot be completed. This message can occur because you need to start the master Metadata server or because there are problems with the connection protocol.

Action: Perform the following actions to resolve this problem.

1. Make sure the master Metadata server is started and is online.
 2. Check the cluster log for any additional errors related to this problem.
 3. Make sure that the primary Administrative agent can communicate with the master Metadata server.
 4. Contact your service representative.
-

CMMNW5063E Exceeded the connection limit to the Metadata server. Please try again later.

Explanation: The number of connections to the Metadata server is already at the maximum limit. Your request would exceed those limits.

Action: Wait a few minutes and make your request again. Alternatively, you can increase the Admin process limits.

CMMNW5064E Already enabled.

Explanation: You attempted to enable the automatic restart service, but it is already enabled.

Action: No action is required.

CMMNW5065E Already disabled.

Explanation: You attempted to disable the automatic restart service, but it is already disabled.

Action: No action is required.

CMMNW5066E Metadata server is offline.

Explanation: You are attempting to perform an operation on a container, but the Metadata server to which the container is assigned is offline. Therefore, the operation cannot be completed.

Action: Attempt to change the state of the Metadata server to online. Alternatively, you can assign the container to another Metadata server.

CMMNW5067E Could not save the server restart service state.

Explanation: No additional information is available for this message.

CMMNW5068E Could not become the master Metadata server.

Explanation: No additional information is available for this message.

CMMNW5069E Already in process.

Explanation: No additional information is available for this message.

CMMNW5070E Already up to date.

Explanation: No additional information is available for this message.

CMMNW5071E Not all Metadata servers in the cluster are the same version.

Explanation: No additional information is available for this message.

CMMNW5072E Could not communicate with the RSA card.

Explanation: The SAN File System cannot communicate with the RSA II card on an engine.

Action: Perform the following actions to resolve the problem.

1. Verify that the RSA adapter for the engine is functioning properly.
 2. Verify that there is connectivity to the RSA adapter for the engine.
 3. Wait a few minutes and attempt to perform the operation again.
 4. Contact your service representative.
-

CMMNW5073E Hard quota violation.

Explanation: The SAN File System has detected a hard quota violation for a container. This error could occur if you are attempting to switch from a soft quota to a hard quota for a container and the change would cause a violation of the hard quota.

Action: If you are attempting to modify a hard quota for a container, make sure that the percentage of the container currently being used does not exceed the hard quota limit. If the problem persists, contact your support representative.

CMMNW5074I Metadata Checker detected and repaired corruption(s) successfully.

Tip: Refer to cluster log for completion status and report details.

Explanation: No additional information is available for this message.

CMMNW5075E Metadata server configuration parameters do not match.

Explanation: No additional information is available for this message.

CMMNW5076E One or more configuration parameters are not valid.

Explanation: No additional information is available for this message.

CMMNW5077E A metadata check is being stopped but has not yet completed.

Tip: Use the Monitor System Processes task to determine when this metadata check has completed.

Explanation: No additional information is available for this message.

CMMNW5078E An attempt to salvage metadata corruption has failed.
Tip: Refer to cluster log for status information and report details.

Explanation: No additional information is available for this message.

CMMNW5079E Storage pool name *VALUE_0* is not valid. It contains unsupported characters.

Explanation: You are attempting to create a storage pool, but the name you have chosen contains characters that are not supported.

Action: Attempt to create the pool again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNW5080E Cannot create a storage pool with the name *object_name* as this is a reserved system label.

Explanation: You are trying to create a pool with the name DEFAULT. However, DEFAULT is a reserved system label.

Action: To create a storage pool, use another storage pool name.

CMMNW5081E Cannot create a storage pool with the name *object_name* as this is a reserved system label.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot create a storage pool using the name SYSTEM.

Action: Choose another name for the storage pool that you are creating.

CMMNW5082E Storage pool name *storage_pool_name* already exists.

Explanation: You cannot create a storage pool with the name you specified because that name is already being used for an existing storage pool.

Action: Specify a different name for the storage pool that you are creating.

CMMNW5083E Storage pool *VALUE_0* is referenced by the active policy or is not empty.

Explanation: You cannot delete this storage pool because it contains volumes.

Action: Perform the following actions to remove this storage pool.

1. Make sure the storage pool does not contain volumes by removing all volumes from the storage pool.
 2. After ensuring that the storage pool is not referenced by the active policy and does not contain any volumes, attempt to delete the storage pool again.
-

CMMNW5084E Cannot delete the default storage pool.

Explanation: You cannot delete the default storage pool.

Action: To delete this storage pool, you must first set another storage pool to be the default.

CMMNW5085E Storage pool *VALUE_0* is referenced by the active policy.

Explanation: You cannot delete the container (fileset) because it is currently referenced by the active policy.

Action: To delete this container, you must first ensure that the active policy does not reference it. Therefore, you must either activate another policy or you must edit the currently active policy to remove all references to this container.

CMMNW5086E Cannot delete the system storage pool.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot delete the system storage pool.

Action: If you need to delete a storage pool, choose another storage pool.

CMMNW5087E Storage pool name *storage_pool_name* does not exist.

Explanation: You are attempting to delete a storage pool that does not exist.

Action: Make sure that the storage pool exists before you attempt to delete it.

CMMNW5088E Storage pool name *VALUE_1* is not valid. It contains unsupported characters.

Explanation: You are attempting to change the name of the storage pool, but the new name you have chosen contains characters that are not supported.

Action: Make sure that you use a valid name for the new storage pool name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNW5089E Cannot rename the storage pool with the name *name* as this is a reserved system label.

Explanation: You cannot change the name of the storage pool to DEFAULT because it is reserved.

Action: To move this storage pool, you must choose another name.

CMMNW5090E Cannot rename the system storage pool.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot change the name of the system storage pool.

Action: Do not attempt to change the name of the system storage pool.

CMMNW5091E Cannot change the name *VALUE_1*. It is reserved.

Explanation: You cannot change the name of the storage pool because a storage pool with that name already exists.

Action: Specify a different name for the storage pool.

CMMNW5092E Storage pool name *storage_pool_name* does not exist.

Explanation: You are attempting to change the name of a storage pool that does not exist.

Action: Make sure that the storage pool exists before you attempt to change the name of the pool.

CMMNW5093E Cannot change the default storage pool.

Explanation: You are attempting to set a storage pool as the default, but it is already the default storage pool.

Action: If you want this storage pool to be the default storage, no action is required. Otherwise, choose another storage pool to set as the default.

CMMNW5094E Cannot set the SYSTEM storage pool to be the default storage pool.

Explanation: The system storage pool is used to store SAN File System metadata. Therefore, you cannot set the system storage pool to be the default storage pool.

Action: Choose another storage pool to set as the default storage pool.

CMMNW5095E Storage pool name *storage_pool_name* does not exist.

Explanation: You cannot set the storage pool *storage_pool_name* as the default storage pool because no storage pool by this name exists.

Action: Choose an existing storage pool to set as the default storage pool.

CMMNW5096E Access denied for device *VALUE_1*.

Explanation: The SAN File System could not access the specified storage device name.

Action: Perform these actions to resolve the problem.

1. Verify that the device name exists and is accessible to the Metadata server.
 2. If the device is accessible, verify that the permissions on the device are set appropriately.
 3. Verify that the device name was entered correctly.
 4. If the problem continues, contact your support representative.
-

CMMNW5097E SAN File System label already exists on device *VALUE_1* and it is also already defined as another volume.

Explanation: The SAN File system has detected a label that recognizes the LUN (as represented by the device name) as potentially part of another SAN File System.

Action: Perform these actions to resolve the problem.

1. List all available LUNs. From the Administrative command-line interface, run the `lslun` command. From the SAN File System Console, click Available LUNs from the Storage Pools General Settings panel.
 2. Make sure that you are adding an available LUN as a volume.
-

CMMNW5098E SAN File System label already exists on device *device*. Select Forced Addition to overwrite the SAN File System label on *device*.

Explanation: The SAN File System has detected a label that recognizes the LUN (as represented by the device). It may possibly be part of another SAN File System.

Action: Make sure that the LUN as represented by the device is not part of any SAN File System. Then, attempt to create the volume again, using the force option to have the SAN File System ignore the existing label.

CMMNW5099E Volume name *volume_name* is not valid. It contains unsupported characters.

Explanation: You are attempting to create a volume, but the name you have chosen contains characters that are not supported.

Action: Attempt to create the volume again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNW5100E Parameters for volume *object_name* are not valid.

Explanation: No additional information is available for this message.

CMMNW5101E Disk not viable.

Explanation: The LUN given by the device name is not viable as a volume. The properties of the LUN will make the addition of the volume to a storage pool inviable. Potential reasons include:

- The LUN does not hold at least one partition.
- The local operating system device name is not viable as a global disk.

- Hashing using World Wide Name (WWN) conflicts.
- The sector size is less than 512 or greater than 4096.
- If it is being added to the system pool, the sector size is not the same as the other volumes in the system pool.

Action: Make sure that the LUN is configured appropriately and attempt to create the volume again. Alternatively, you can choose another LUN.

CMMNW5102E Input/output for device *device* failed.

Explanation: No additional information is available for this message.

CMMNW5103E Volume name *volume* already exists.

Explanation: No additional information is available for this message.

CMMNW5104E Device is not valid. Local device *device* does not exist.

Explanation: You are attempting to create a volume, but the device you specified does not exist.

Action: Make sure that you specify a valid device name when creating a volume.

CMMNW5105E Storage pool *pool* does not exist.

Explanation: You specified a storage pool to which the volume will be added, but the storage pool does not exist.

Action: Make sure that you specify an existing storage pool to which the volume will be added.

CMMNW5106E Access denied for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5107E Access failed for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5108E Input/output failed when removing the volume *VALUE_0*.

Explanation: No additional information is available for this message.

CMMNW5109E Volume name *VALUE_0* is in use.

Explanation: You are attempting to remove a volume, but the volume is not empty. It has files allocated to it.

Action: Perform one of the following actions to remove the volume

- Wait until the volume no longer has files allocated to it before attempting to delete it. You can run the `reportvolfiles` command from the Administrative command-line.
 - Attempt to force the removal of the volume. Note that if you force the removal of the volume all files that exist on the volume will be completely deleted. This includes any partial file data that exists on other volumes.
-

CMMNW5110E Volume name *VALUE_0* does not exist.

Explanation: You cannot delete this volume because it does not exist.

Action: Make sure that the volume exists before you attempt to delete it.

CMMNW5111E There is not enough space on other volumes to move the volume contents.

Explanation: When you removal a volume and you do not force the removal, the SAN File System redistributes the contents of the volume to other volumes in the storage pool. You cannot delete the volume because there is not enough space to move the volume contents and you did not select a forced removal.

Action: Perform one of the following actions to delete this volume

- Make sure that there is enough space on other volumes in the storage pool to move the contents of this volume.
- Attempt to force the removal of the volume. Note that if you force the removal of the volume, all data associated with that volume will be deleted. This includes corresponding partial files on another volume.

CMMNW5112E There are files in this volume from a container assigned to a Metadata server that is offline.

Explanation: You are attempting to delete a volume. However, there are files in this volume from a container that is assigned to an offline Metadata server. Therefore, the deletion cannot be completed.

Action: Attempt to change the state of the Metadata server to online. Alternatively, you can assign the container to another Metadata server.

CMMNW5113E Volume name *name* is not valid. It contains unsupported characters.

Explanation: You are attempting to rename a volume, but the new name you have chosen contains characters that are not supported.

Action: Attempt to rename the volume again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNW5114E New volume name *name* already exists.

Explanation: You cannot rename the volume because a volume that the new name already exists.

Action: Specify a different name for the volume.

CMMNW5115E Access denied for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5116E Access failed for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5117E Volume name *VALUE_0* does not exist.

Explanation: You cannot activate this volume because the volume does not exist.

Action: Make sure that you active a volume that currently exists.

CMMNW5118E Volume name *VALUE_0* is not suspended.

Explanation: You cannot activate allocations to this volume because allocations are already activated.

Action: No action is required.

CMMNW5119E Access denied for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5120E Access failed for *object_name*.

Explanation: No additional information is available for this message.

CMMNW5121E Volume *VALUE_0* does not exist.

Explanation: You cannot suspend this volume because the volume does not exist.

Action: Make sure that you suspend a volume that already exists.

CMMNW5122E Volume *VALUE_0* is not activated.

Explanation: You cannot suspend allocations to this volume because the volume is not current an active volume. You can suspend only active volumes.

Action: No action is required.

CMMNW5123E Container name is not valid. It contains unsupported characters.

Explanation: No additional information is available for this message.

CMMNW5124E Attach directory *VALUE_2* is not valid.

Explanation: No additional information is available for this message.

CMMNW5125E Attach directory *dir* already exists.

Explanation: You cannot attach the container (fileset) to the directory *directory* because a directory with the same name already exists in the directory path. When attaching a container, the attach point (directory path including the root of the global namespace) must exist but the actual directory cannot exist. It is created during the attachment process.

Action: Attempt to attach the container again, specifying a directory name that does not currently exist.

CMMNW5126E Attach point *VALUE_1* does not exist.

Explanation: You cannot attach the container (fileset) to this attach point (directory path including the root of the global namespace) because it does not exist. The attach point must exist before you can attach a container to the attach point.

Action: Perform one of these actions to resolve the problem

- Make sure the attach point exists and then attempt to attach the container again.
 - Attach the container to an attach point that does currently exist.
-

CMMNW5127E The combination of path and directory name makes the attach not viable.

Explanation: You are attempting to reattach a container and you specified a directory name of the container is in the directory path of the attach point. For example, assume you have a container called *c1dir*. If you attempted to reattach this container to */sanfs/c1dir/c2dir*, you would receive this message.

Action: Make sure the directory name of the container is not in the existing directory path of the attach point when reattaching the container.

CMMNW5128E Container name *VALUE_0* is already attached to another location.

Explanation: You cannot attach the container because it is already attached to another location.

Action: To attach the container to this location, you must first detach the container from the location to which it is currently attached.

CMMNW5129E The container *container_name* is already assigned to the *container_name* Metadata server.

Explanation: You are attempting to change the Metadata server to which a container (fileset) is assigned. However, the container is already assigned to the Metadata server that you chose.

Action: If you want to assign the container to that Metadata server, no action is required. Otherwise, attempt to assign the container to a different Metadata server.

CMMNW5130E You cannot change the Metadata server to which the root container is assigned.

Explanation: The root container (fileset) is always assigned to the master Metadata server. You cannot change this assignment.

Action: Do not attempt to change the Metadata server to which the root container is assigned.

CMMNW5131E Metadata server change transaction failed.

Explanation: The Metadata server could not be changed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNW5132E Container *container* is not compatible with the Metadata server *server_name*.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the `lsproc` command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNW5133E Metadata server *server* does not exist.

Explanation: You cannot change the assignment of the container to the Metadata server *server_name* because a Metadata server by that name does not exist.

Action: Make sure that you perform this operation on an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available (online, offline, or inactive). From the Administrative command-line interface, run the `lsserver` command. From the SAN File System console, view the Servers panel.

CMMNW5134E Cluster or Metadata server is not in a valid state.

Tip: The current Metadata server must be either offline or down. The target Metadata server must be in one of the following states: online, offline, or down.

Explanation: No additional information is available for this message.

CMMNW5135E Container name is not valid. It contains unsupported characters.

Explanation: You are attempting to create a container (fileset), but the name you have chosen contains characters that are not supported.

Action: Attempt to create the container again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNW5136E The container *container_name* already exists.

Explanation: You cannot create a container (fileset) with the name you specified because that name is already being used for an existing container.

Action: Specify a different name for the container that you are creating.

CMMNW5137E Attach point *VALUE_2* does not exist.

Explanation: You are attempting to create a container but the attach point does not exist. The attach point is used to specify where within the global namespace the container will be attached. Therefore, the attach point must already exist.

Action: Attempt to create the container again, specifying an attach point that currently exists.

CMMNW5138E Subordinate Metadata server error.

Explanation: No additional information is available for this message.

CMMNW5139E The transaction failed.

Explanation: The container (fileset) cannot be created because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNW5140E The attach directory *VALUE_3* already exists.

Explanation: You are attempting to create a container, but the directory you specified (which will be the root of the container directory tree) already exists. The SAN File System creates the directory when it creates the container. Therefore, the directory cannot already exist.

Action: Attempt to create the container again. This time, specify a directory name that does not exist.

CMMNW5141E Metadata server *server* does not exist.

Explanation: You cannot assign this container to the Metadata server *server_name* because a Metadata server by that name does not exist.

Action: Make sure that you assign the container to an existing Metadata server. You can verify that the Metadata server is part of the cluster and is available (online, offline, or inactive). From the Administrative command-line interface, run the `lsserver` command. From the SAN File System console, view the Servers panel.

CMMNW5142E Container *container_name* is not empty. Select Forced Delete to delete the files and remove the container.

Explanation: You cannot delete the container (fileset) because it contains files.

Action: Perform one of the following actions to remove the container

- Make sure the container is empty by moving all files to another container or deleting the file.
 - Attempt to force the deletion of the container. Note that if you force the deletion of the container all files and directories in the container will be deleted as well.
-

CMMNW5143E The container cannot be deleted. It is referenced by the current active policy set.

Explanation: You cannot detach the container (fileset) because clients are currently accessing data within the container.

Action: Perform one of these actions to resolve the problem

- Wait until clients are no longer accessing files in the container before attempting to detach it.
- Attempt to force the detachment of the container. Note that if you choose to force the detachment of the container, the files and directories in the container will be deleted, even those currently being accessed.

CMMNW5144E Container *container_name* does not exist.

Explanation: You cannot delete the container *container_name* because no container by that name exists.

Action: No action is required.

CMMNW5145E You cannot remove the root container.

Explanation: The root container must always assigned to the master Metadata server. Therefore, you cannot remove the root container.

Action: Do not attempt to remove the root container.

CMMNW5146E Container *VALUE_0* is not detached. Detach the container before removing it.

Explanation: You cannot remove the container because it is not detached.

Action: Detach the container and then attempt to remove it.

CMMNW5147E Container *container_name* cannot be detached because there are nested containers that are still attached.

Explanation: You cannot detach this container (fileset) because nested containers are still attached to it.

Action: Detach all nested containers that are attached to this container. Then attempt to detach this container again.

CMMNW5148E The container cannot be detached. It is currently referenced by active clients and you did not select Forced Detach.

Explanation: No additional information is available for this message.

CMMNW5149E Container *container_name* is not attached.

Explanation: You cannot detach the container because it is not currently attached. You can detach only containers that are currently attached.

Action: No action is required.

CMMNW5150E Container *VALUE_0* does not exist.

Explanation: You cannot detach the container because no container by that name exists.

Action: No action is required.

CMMNW5151E You cannot detach the root container.

Explanation: The root container must always assigned to the master Metadata server. Therefore, you cannot detach the root container.

Action: Do not attempt to detach the root container.

CMMNW5152E Container name is not valid. It contains unsupported characters.

Explanation: You are attempting to rename a container (fileset), but the new name you have chosen contains characters that are not supported.

Action: Attempt to create the container again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNW5153E Container *new_name* already exists.

Explanation: You cannot rename a container (fileset) to the name you specified because that name is already being used for an existing container.

Action: Specify a different name for the container. Alternatively, you can detach and delete the existing container by that name.

CMMNW5154E Container *container_name* does not exist.

Explanation: You cannot modify the attributes of the container *container_name* because no container by that name exists.

Action: Make sure that the container for which you want to modify attributes currently exists.

CMMNW5155E Parameter formatted incorrectly.

Explanation: No additional information is available for this message.

CMMNW5156E FlashCopy image *VALUE_0* already exists.

Explanation: You cannot create a FlashCopy image with the name you specified because that name is already being used for an existing FlashCopy image.

Action: Specify a different name for the FlashCopy image that you are creating. Alternatively, you can delete the existing FlashCopy image with that name.

CMMNW5157E Container *container* not found.

Explanation: You are attempting to create a FlashCopy image of a container (fileset), but no container by the name *container_name* exists or is not currently assigned to a Metadata server.

Action: Make sure that you are attempting to create a FlashCopy image of a container that currently exists and is assigned to a Metadata server.

CMMNW5158E The transaction failed.

Explanation: The FlashCopy image could not be created because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
2. View the cluster log and resolve any errors that might be related to this problem.
3. Wait a few minutes and perform the operation again.
4. Contact your support representative.

CMMNW5159E Directory *VALUE_2* already exists.

Explanation: You are attempting to create a FlashCopy image, but the directory you specified already exists.

Action: Attempt to create the FlashCopy image again. This time, specify a directory name that does not exist. Alternatively, you can delete the existing FlashCopy image with this directory name and then create a new image with this directory name.

CMMNW5160E The container *VALUE_1* already contains the maximum number of FlashCopy images (32) and you did not select Force Image Creation.

Explanation: No additional information is available for this message.

CMMNW5161E Incompatible operation.

Explanation: No additional information is available for this message.

CMMNW5162E The client is accessing the FlashCopy image being removed and Forced Delete was not specified.

Explanation: You are attempting to delete a FlashCopy image, but a client is current accessing files from the image. Therefore, you cannot delete this image.

Action: Perform one of these actions to resolve the problem.

1. Wait a few minutes for client access of the FlashCopy image to complete. Then attempt to delete the FlashCopy image again.
 2. Attempt to force the deletion the FlashCopy image. Note that if you force the deletion of the image, any open files associated with the image will be lost, which may result in application errors.
-

CMMNW5163E FlashCopy image *image_name* not found.

Explanation: You are attempting to delete a FlashCopy image, but no image by the name *image_name* exists.

Action: No action is required.

CMMNW5164E The transaction failed.

Explanation: The FlashCopy image could not be deleted because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNW5165E Incompatible operation.

Explanation: No additional information is available for this message.

CMMNW5166E A client is accessing the FlashCopy image being restored and you did not select Forced Revert.

Explanation: You are attempting to revert a container (fileset) to a FlashCopy image, but a client is currently accessing files from that image. Therefore, you cannot revert the container to the FlashCopy image.

Note: Containers can have multiple images. If a client is accessing files in any of the images between the current container and the image you are trying to revert to, this message is displayed. For example, assume that there are 5 FlashCopy images, with 1 being the oldest image and 5 being the most recent image. If you attempt to revert to image 1 and a client is accessing files in any of the images between 1 and 5, this message appears.

Action: Perform one of these actions to resolve the problem

- Wait a few minutes for client access to the FlashCopy image to complete. Then attempt to revert the container to the FlashCopy image again.
- Attempt to revert the container to another FlashCopy image.
- Attempt to force the reversion of the container to the selected FlashCopy image. Note that if you specify a forced reversion, any open files associated with the container will be lost, which may result in application errors.

CMMNW5167E FlashCopy image *image_name* not found.

Explanation: You are attempting to revert a container to a FlashCopy image, but no image by the name *image_name* exists.

Action: Attempt to revert the container to an existing FlashCopy image.

CMMNW5168E The transaction failed.

Explanation: The attempt to revert the container (fileset) to the FlashCopy image could not be completed because of other concurrent Administrative activity that is occurring.

Action: Perform these actions to resolve the problem.

1. View the administrative log and resolve any errors that might be related to this problem.
 2. View the cluster log and resolve any errors that might be related to this problem.
 3. Wait a few minutes and perform the operation again.
 4. Contact your support representative.
-

CMMNW5169E The container *VALUE_1* has nested containers.

Tip: Detach the nested containers before attempting to revert to a FlashCopy image.

Explanation: You cannot revert to a FlashCopy image for the container because it currently has nested containers.

Action: Detach any nested containers. Then attempt to revert this container to a FlashCopy image.

CMMNW5170E The revert failed because the FlashCopy image contained incomplete files.

Explanation: You cannot revert the container (fileset) to this FlashCopy image because the image contains incomplete files. This might be the result of a forced removal of a volume containing files that are also in this image.

Action: Attempt to revert the container to another FlashCopy image.

CMMNW5171E Incompatible operation.

Explanation: No additional information is available for this message.

CMMNW5172E Could not activate the policy because there is a duplicate reference *VALUE_2* *VALUE_3* in the rule *VALUE_1*.

Explanation: No additional information is available for this message.

CMMNW5173E Policy *policy_name* does not exist.

Explanation: You are attempting to activate a policy, but no policy by the name *policy_name* exists.

Action: Attempt to activate a policy that currently exists. Alternatively, you can create a policy named *policy_name* and then activate it.

CMMNW5174E Could not activate the policy because the rule *VALUE_1* references the *VALUE_2* *VALUE_3* that does not exist.

Explanation: You are attempting to activate a policy, but the policy is not valid. Rules within the policy reference storage pools or containers (filesets) that are not available.

Action: Make sure all of the storage pools and containers references by the policy are available. You can also activate a different policy.

CMMNW5175E Policy *VALUE_0* already exists.

Explanation: You are attempting to create a new policy, but the name you have chosen for this policy already exists.

Action: If you want to create a new policy using this name, you must first delete the existing policy by that name. Alternatively, you can create a new policy using a different name.

Note: If you are running the `mkpolicy` command from the Administrative command-line interface, you can use the `-f` parameter to overwrite an existing policy.

CMMNW5176E Policy *VALUE_0* is already active. To use this name, activate another policy before attempting to change this policy.

Explanation: You are attempting to modify the active policy. You can modify only those policies that are not active.

Action: To modify the currently active policy, you must first activate another policy, which will automatically deactivate this policy.

If you are using the SAN File System console, you can then create a new policy by cloning this policy.

If you are using the Administrative command-line interface, you can then create the policy again, specify the `force` parameter to overwrite this policy.

CMMNW5177E Policy name *VALUE_0* is not valid: contains unsupported characters.

Explanation: You are attempting to create a new policy, but the name you have chosen contains characters that are not supported.

Action: Attempt to create the new policy again using a valid name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
 - Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
 - Names cannot begin with a dash (-) and cannot consist of only a single dash.
 - Names cannot contain blank spaces.
-

CMMNW5178E Cannot create a policy with the name `DEFAULT_POLICY`.

Explanation: You cannot create a policy with the name `DEFAULT_POLICY` because it is the system default policy.

Action: Choose another name for the policy that you are creating.

CMMNW5179E Policy *VALUE_0* does not exist.

Explanation: No additional information is available for this message.

CMMNW5180E Could not create the policy because of a syntax error. "*VALUE_2 VALUE_3TAG VALUE_4TAG*" generated this error message: *VALUE_1TAG*

Explanation: No additional information is available for this message.

CMMNW5181E Policy *name* is the active policy. Activate a different policy before removing this policy.

Explanation: You cannot remove the active policy. You can remove only policies that are inactive.

Action: To remove this policy, activate another policy, which will deactivate this policy. Then, attempt to remove the policy again.

CMMNW5182E You cannot remove the policy named DEFAULT_POLICY.

Explanation: You cannot remove the policy named DEFAULT_POLICY because it is the system default policy.

Action: No action is required.

CMMNW5183E Policy *policy_name* does not exist.

Explanation: You cannot delete the policy *policy_name* because it does not exist.

Action: If you have previously deleted this policy, no further action is required. Otherwise, choose an existing inactive policy to delete.

CMMNW5184E Policy *policy_name* does not exist.

Explanation: You are attempting to get rules from a policy that does not exist. If you are using the SAN File System console, you might be trying to access a policy that another user has deleted.

Action: Make sure that the policy exists before attempting to access that policy.

CMMNW5185E A cluster upgrade is already in progress.

Explanation: No additional information is available for this message.

CMMNW5186E All server software in the cluster is already up-to-date.

Explanation: No additional information is available for this message.

CMMNW5187E One or more servers in the cluster have not been upgraded to the new version of the software.

Explanation: No additional information is available for this message.

CMMNW5188E Another metadata check is already active.

Explanation: You attempted to start a metadata check, but there is already a metadata check in progress. Only one metadata check can be in progress at a time.

Action: To start a new metadata check, perform one of these actions

- Wait until the current metadata check has completed.
 - Stop the current metadata check.
-

CMMNW5189E Integrity lost. Corruption detected. Tip: Refer to cluster log for status information and report details.

Explanation: No additional information is available for this message.

CMMNW5190E A parameter is not valid. Check the container list values for validity.

Explanation: No additional information is available for this message.

CMMNW5191E Incompatible operation.

Explanation: The Administrative server is currently executing administrative processes and will not allow you to perform this operation at this time.

Action: Wait a few minutes and then attempt to perform this operation again.

You can also check the list of processes being performed. From the Administrative command-line interface, run the `lsproc` command. From the SAN File System console, you can view the Processes panel from the Monitor System task.

CMMNW5192E A stop metadata check request has canceled the metadata check.

Explanation: A metadata check was in progress, but a stop metadata check request has canceled this metadata check.

Action: If you wanted to cancel the metadata check currently in progress, no action is required. Otherwise, attempt to start a metadata check again.

CMMNW5193E Exceeded the connection limit to the Metadata server. Please try again later.

Explanation: The number of connections to the Metadata server is already at the maximum limit. Your request would exceed those limits.

Action: Wait a few minutes and make your request again. Alternatively, you can increase the Admin process limits.

CMMNW5194I Metadata Checker detected and repaired corruption(s) successfully.

Tip: Refer to cluster log for completion status and report details.

Explanation: No additional information is available for this message.

CMMNW5195E You cannot quiesce a cluster from this Administrative server.

Explanation: No additional information is available for this message.

CMMNW5196E The attempt to quiesce the cluster failed.

Explanation: An attempt to quiesce the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to quiescing the cluster.
 2. View the cluster log and correct any errors that may be related to quiescing the cluster.
 3. Attempt to quiesce the cluster again.
 4. Contact your support representative.
-

CMMNW5197E A parameter is not valid.

Explanation: No additional information is available for this message.

CMMNW5198E You cannot resume a cluster from this Administrative server.

Explanation: No additional information is available for this message.

CMMNW5199E The attempt to resume the cluster failed.

Explanation: The attempt to resume the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to resuming the cluster.
 2. View the cluster log and correct any errors that may be related to resuming the cluster.
 3. Attempt to resume the cluster again.
 4. Contact your support representative.
-

CMMNW5200E You cannot start a cluster from this Administrative server.

Explanation: No additional information is available for this message.

CMMNW5201E The attempt to start the cluster failed.

Explanation: The attempt to start the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to starting the cluster.
2. View the cluster log and correct any errors that may be related to starting the cluster.
3. Attempt to start the cluster again.
4. Contact your support representative.

CMMNW5202E The cluster is already running.

Explanation: You cannot start the cluster because it is already running.

Action: No action is required.

CMMNW5203E A metadata check is not currently in progress.

Explanation: You are attempting to stop a metadata check, but there is no metadata check currently running.

Action: No action is required.

CMMNW5204E Stopping a cluster is not supported on this Metadata server.

Explanation: No additional information is available for this message.

CMMNW5205E The attempt to stop the cluster failed.

Explanation: The attempt to stop the cluster could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to stopping the cluster.
2. View the cluster log and correct any errors that may be related to stopping the cluster.
3. Attempt to stop the cluster again.
4. Contact your support representative.

CMMNW5206E You cannot start a Metadata server from this Metadata server.

Explanation: No additional information is available for this message.

CMMNW5207E The attempt to start Metadata server *server_name* failed.

Explanation: The attempt to start the Metadata server *server_name* could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the administrative log and correct any problems that may be related to starting the Metadata server.
2. View the cluster log and correct any errors that may be related to starting the Metadata server.
3. Attempt to start the Metadata server again.
4. Contact your support representative.

CMMNW5208E Metadata server *server_name* is already running.

Explanation: You cannot start this Metadata server because it is already started. You can only start Metadata servers that are currently stopped.

Action: If this is the Metadata server that you are trying to start, no action is required. Otherwise, make sure that the Metadata server that you are attempting to start is currently stopped.

CMMNW5209E Metadata server *server_name* does not exist.

Explanation: You are attempting to start Metadata server *server_name* but no Metadata server by that name exists.

Action: Make sure that you choose an existing Metadata server to be started.

CMMNW5210E You cannot stop a Metadata server from this Metadata server.

Explanation: No additional information is available for this message.

CMMNW5211E The attempt to stop *server_name* failed.

Explanation: The attempt to stop Metadata server *server_name* could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to stopping the Metadata server.
 2. View the Cluster log and correct any errors that may be related to stopping the Metadata server.
 3. Attempt to stop the Metadata server again.
 4. Contact your support representative.
-

CMMNW5212E Metadata server *server_name* does not exist.

Explanation: You are attempting to stop Metadata server *server_name* but there is no Metadata server by that name.

Action: Make sure that you choose an existing Metadata server to be stopped.

CMMNW5213E Operation failed. No audit logs were cleared.

Explanation: The attempt to clear the audit logs could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to clearing the audit.
 2. View the Cluster log and correct any errors that may be related to clearing the audit log.
 3. Attempt to clear the audit log again.
 4. Contact your support representative.
-

CMMNW5214E Audit logs for some Metadata servers in the cluster were not cleared.

Explanation: When you view the audit log from the master Metadata server, a consolidated view of the audit logs from all Metadata servers in the cluster is displayed. The Administrative server cannot access log data for all Metadata servers in the cluster. Therefore, the audit logs for these Metadata servers cannot be cleared.

Action: Perform these actions to resolve the problem.

1. Verify that all Metadata servers in the cluster are accessible. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
 2. View the cluster log and resolve any problems that may be related to the availability of the Metadata servers in the cluster.
 3. View the administrative log and resolve any problems that may be related to the log data access.
-

CMMNW5215E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5216E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5217E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5218E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5219E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5220E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5221E The audit log could not be found.

Explanation: The Administrative server could not find the audit log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the audit log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5222E The audit log could not be read.

Explanation: The Administrative server has encountered an error while reading the audit log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5223E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
 2. Contact your service representative.
-

CMMNW5224E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNW5225E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
2. Contact your service representative.

CMMNW5226E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNW5227E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
2. Contact your service representative.

CMMNW5228E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNW5229E The administrative log could not be found.

Explanation: The Administrative server could not find the administrative log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the administrative log again.
2. Contact your service representative.

CMMNW5230E The administrative log could not be read.

Explanation: The Administrative server has encountered an error while reading the administrative log.

Action: Wait a few minutes and attempt to display the administrative log again.

CMMNW5231E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5232E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5233E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.

2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5234E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5235E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5236E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5237E The security log could not be found.

Explanation: The Administrative server could not find the security log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the security log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5238E The security log could not be read.

Explanation: The Administrative server has encountered an error while reading the security log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5239E Operation failed. No server message logs were cleared.

Explanation: The attempt to clear the server message logs could not complete successfully.

Action: Perform these actions in order to begin resolving the problem.

1. View the Administrative log and correct any problems that may be related to the failure of the command.
2. Attempt to clear the cluster log again.
3. Contact your support representative.

CMMNW5240E Server message logs for some Metadata servers in the cluster were not cleared.

Explanation: When you view the cluster log from the master Metadata server, a consolidated view of the server message logs from all Metadata servers in the cluster is displayed. The Administrative server cannot access log data for all Metadata servers in the cluster. Therefore, the server message logs for these Metadata servers cannot be cleared.

Action: Perform these actions to resolve the problem.

1. Verify that all Metadata servers in the cluster are accessible. From the Administrative command-line interface, run the `lsserver` command specifying the role of master. From the SAN File System console, view the Servers panel.
2. View the cluster log and resolve any problems that may be related to the availability of the Metadata servers in the cluster.
3. View the administrative log and resolve any problems that may be related to the log data access.

CMMNW5241E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5242E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5243E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5244E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5245E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5246E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5247E The cluster log could not be found.

Explanation: The Administrative server could not find the cluster message log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the cluster message log again.
2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5248E The cluster log could not be read.

Explanation: The Administrative server has encountered an error while reading the cluster message log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5249E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.

2. Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5250E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5251E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5252E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5253E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5254E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5255E The event log could not be found.

Explanation: The Administrative server could not find the event log.

Action: Perform these actions to resolve the problem.

1. Wait a few minutes and attempt to display the event log again.
 2. Look in the Administrative log and resolve any problems related to displaying this log.
-

CMMNW5256E The event log could not be read.

Explanation: The Administrative server has encountered an error while reading the event log.

Action: Look in the Administrative log and resolve any problems related to displaying this log.

CMMNW5257E This operation is not supported for engine *engine_name*.

Explanation: No additional information is available for this message.

CMMNW5258E Operation failed. Cannot access the RSA provider.

Explanation: You are attempting to set the power state for an engine, but the SAN File System is unable to communicate with the RSA adapter for that engine. Therefore, the power state cannot be set.

Action: Perform the following actions to resolve the problem

1. Verify that the RSA adapter for the engine is functioning properly and that there is connectivity to the RSA adapter for the engine. From the SAN File system console, you can view engine properties to determine if the RSA adapter is functioning. From the Administrative command-line interface, you can run the `statengine` command.
2. View the Administrative error log and resolve any problems found in the log that are related to this engine.
3. Attempt to set the power state again.
4. Contact your service representative.

CMMNW5259E RSA is not available.

Explanation: You are attempting to set the power state for an engine, but the SAN File System is unable to communicate with the RSA adapter for that engine. Therefore, the power state cannot be set.

Action: Perform the following actions to resolve the problem

1. Verify that the RSA adapter for the engine is functioning properly.
2. Verify that there is connectivity to the RSA adapter for the engine.
3. Wait a few minutes and attempt to set the power state again.
4. Contact your service representative.

CMMNW5260E File name is not valid. It contains unsupported characters.

Explanation: You are attempting to create a disaster recovery file, but the name you have chosen contains characters that are not supported.

Action: Attempt to create the disaster recovery file again using a valid file name. Use the following guidelines to ensure that you are using a valid name:

- Names cannot be longer than 256 characters.
- Names must contain at least one alphanumeric character and they must start with an alphanumeric character.
- Names cannot begin with a dash (-) and cannot consist of only a single dash.
- Names cannot contain blank spaces.

CMMNW5261E The file name *file_name* already exists.

Explanation: You are attempting to create a disaster recovery file, but a disaster recovery file with the name `file_name` already exists.

Action: Attempt to create the disaster recovery file again, using a name that does not currently exist. You can also choose to force the creation of a disaster recovery file with the name `file_name`, which will overwrite the existing disaster recovery file.

CMMNW5262E Not enough space for the disaster recovery file *file_name*.

Explanation: You are attempting to create a disaster recovery file, but there is not enough space available on the local disk of the master Metadata server to store the disaster recovery file.

Note: Disaster recovery files are stored in `/usr/tank/server/DR` on the local disk of the engine hosting the master Metadata server. They are not stored on the SAN.

Action: Perform one of these actions to resolve the problem

1. Delete an existing disaster recovery file.
2. Increase the amount of space available on the local disk of the engine hosting the master Metadata server.

After resolving the problem, attempt to create a disaster recovery file again.

CMMNW5263E Disaster recovery file *file_name* does not exist.

Explanation: You are attempting to delete a disaster recovery file, but a disaster recovery file with the name *file_name* does not exist.

Action: Make sure that you are deleting a disaster recovery file that currently exists.

CMMNW5264E Metadata server *server_name* does not exist.

Explanation: You are attempting to disable the automatic restart service for the Metadata server *server_name* but there is no Metadata server by that name.

Action: Make sure that you choose a valid Metadata server on which to disable the automatic restart service.

CMMNW5265E The automatic restart service for Metadata server *server_name* is already disabled.

Explanation: You are attempting to disable the automatic restart service for the Metadata server *server_name* but the service has already been disabled for this Metadata server.

Action: The automatic restart service is already disabled so no action is required.

CMMNW5266E Metadata server *server_name* does not exist.

Explanation: You are attempting to enable the automatic restart service for the Metadata server *server_name* but there is no Metadata server by that name.

Action: Make sure that you choose a valid Metadata server on which to enable the automatic restart service.

CMMNW5267E The automatic restart service for Metadata server *server_name* already enabled.

Explanation: You are attempting to enable the automatic restart service for the Metadata server *server_name*, but the service has already been enabled for this Metadata server.

Action: The automatic restart service is already enabled so no action is required.

CMMNW5268E Not enough space for additional privileged clients.

Explanation: You are attempting to grant root privileges to a client, but there is not enough space available to add a client to the list of privileged clients. The maximum number of clients is limited to the number of clients that can fit into 256 characters.

Action: If you need to grant root privileges to an additional client, you must first revoke root privileges from an existing privileged client.

CMMNW5269E Could not modify the property because a previous change is pending.

Explanation: No additional information is available for this message.

CMMNW5270E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNW5271E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNW5272E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation: The SANFS server is in the middle of a cluster reformation and will not allow you to perform the requested operation at this time. Another probable cause of failure is that the SANFS is executing other administrative processes that prevents the SANFS from executing the given request.

Action: Wait several minutes and then attempt to perform the operation again.

CMMNW9001E Unexpected error. Try to run the task again. If the problem continues, contact your service representative.

Explanation: The system encountered an unexpected error.

Action: Attempt to run the task again. If you see the same error, contact your service representative.

CMMNW9002E You could not connect to the subordinate Metadata server. Try connecting directly to the master Metadata server.

Explanation: You attempted to connect to a subordinate Metadata server. Under normal operation, you would automatically be redirected to the master Metadata server. However, the subordinate Metadata server may be inactive.

Action: Try to connect directly to the master Metadata server.

CMMNW9003E Field VALUE_0 is not in the correct format. It must be an IP address in dotted decimal notation.

Explanation: The value for field field_name must be an IP address in dotted decimal notation (xxx.xxx.xxx.xxx). The value that you entered in this field is not in the correct format.

Action: Enter an IP address in dotted decimal notation in the field field_name.

CMMNW9004E Field VALUE_0 contains one or more of the following characters, which are not valid for this field: VALUE_1.

Explanation: Field field_name contains one or more of the listed characters. These characters are not valid for the field.

Action: Enter only valid characters for the field field_name.

CMMNW9005I Verify the following changes:

User storage pool VALUE_0 will become the new user default storage pool.

User default pool VALUE_1 will become a user storage pool.

Explanation: You must confirm that you want to change the storage pool that is designated as the default storage pool. The current default storage pool will become a user storage pool.

Action: Click OK to change the default storage pool. Click Cancel to set another storage pool as the default or to continue using the current default.

CMMNW9006W You need to select one or more storage pools to delete.

Explanation: You must select a storage pool from the list of storage pools to delete it.

Action: Select one or more storage pools. Then select Delete from the action pulldown list and click Go to delete each selected storage pool.

CMMNW9007W You need to select a user storage pool to set it as default.

Explanation: You must select a storage pool from the list of storage pools to set it as the default storage pool.

Action: Select a storage pool. Then select Set as Default from the action pulldown list and click Go to set it as the default storage pool.

Note: The system storage pool is used to store SAN File System metadata. Therefore, you cannot set the system storage pool as the default storage pool.

CMMNW9008W You need to select a storage pool to see its properties.

Explanation: You must select a storage pool from the list of storage pools to view its properties.

Action: Select a storage pool. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one storage pool at a time.

CMMNW9009E The selected storage pool is the default storage pool.

Explanation: You cannot set the selected storage pool to be the default storage pool because it is already the default.

Action: To change the default storage pool, select another storage pool. Then select Set as Default from the action pulldown list and click Go to set it as the default storage pool.

CMMNW9010W You need to select a volume to see its properties.

Explanation: You must select a volume from the list of volumes to view its properties.

Action: Select a volume. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one volume at a time.

CMMNW9011W You need to select one or more volumes to remove.

Explanation: You must select a volume to remove it from a storage pool.

Action: Select one or more volumes. Then select Remove from the action pulldown list and click Go to remove each selected volume.

Note: To remove a volume from a storage pool, the volume must be empty or there must be sufficient space on the remaining volumes in the storage pool to move the files that are currently on the volume. You can also force the removal of a volume that contains files.

CMMNW9012W You need to select one or more volumes to activate.

Explanation: You must select a volume to activate it.

Action: Select one or more volumes. Then select Activate from the action pulldown list and click Go to activate each selected volume.

CMMNW9013W You need to select one or more volumes to suspend.

Explanation: You must select a volume to suspend it.

Action: Select one or more volumes. Then select Suspend from the action pulldown list and click Go to suspend each selected volume.

CMMNW9014W Are you sure that you want to perform a forced remove operation on the following volumes?
Data will be lost, including corresponding partial files that exist on other volumes.
volume_list

Explanation: You must confirm that you want to force the removal of the listed volumes. If you do so, files that cannot be moved to other volumes in the storage pool will be discarded.

Action: Click Forced Remove to force the removal of the listed volumes. Click Cancel to cancel the forced remove operation.

CMMNW9015E You need to select at least one storage pool.

Explanation: To add a volume to a storage pool, you must first select a storage pool.

Action: Select a storage pool. Then click Next to continue the wizard for adding a volume to a storage pool.

CMMNW9016E You need to select at least one LUN to add as a volume to this storage pool.

Explanation: To add a LUN as a volume to a storage pool, you must first select a LUN.

Action: Select one or more LUNs. Then click Next to continue the wizard for adding a volume to a storage pool.

CMMNW9017W You need to select a LUN to see its properties.

Explanation: You must select a LUN from the list of LUNs to view its properties.

Action: Select a LUN. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one LUN at a time.

CMMNW9018W You need to select one or more LUNs to add to a storage pool.

Explanation: To add an available LUN as a volume to a storage pool, you must first select an available LUN.

Action: Select one or more available LUNs. Then select Add to Pool to start the wizard for adding a volume to a storage pool.

CMMNW9019W You need to select one or more containers to delete.

Explanation: You must select a container from the list of containers to delete it.

Action: Select one or more containers. Then select Delete from the action pulldown list and click Go to delete each selected container.

Notes:

1. You cannot delete the root container.
 2. A container must be empty and detached before you can delete it unless you perform a forced delete operation.
-

CMMNW9020W You need to select a container to see its properties.

Explanation: You must select a container (also called a fileset) from the list of containers to view its properties.

Action: Select a container. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one container at a time.

CMMNW9021W You need to select a container to attach.

Explanation: You must select a container (also called a fileset) from the list of containers to attach it to the global file system.

Action: Select a container. Then select Attach from the action pulldown list and click Go to attach the container to the global file system.

Note: You can attach only one container at a time.

CMMNW9022W You need to select a container to detach.

Explanation: You must select a container (also called a fileset) from the list of containers to detach it to the global file system.

Action: Select one or more containers. Then select Detach from the action pulldown list and click Go to detach the selected containers from the global file system.

CMMNW9023W You need to select a container to create FlashCopy images.

Explanation: You must select a container (also called a fileset) from the list of containers to create a FlashCopy image for that container.

Action: Select one or more containers. Then select Create FlashCopy images from the action pulldown list and click Go to start the wizard for creating FlashCopy images.

CMMNW9024W You need to select a container to manage FlashCopy images.

Explanation: You must select a container (also called a fileset) from the list of containers to manage FlashCopy images for that container.

Action: Select a container. Then select Manage FlashCopy images from the action pulldown list and click Go to manage the FlashCopy images for that container.

Note: You can manage FlashCopy images for only one container at a time.

CMMNW9025W Are you sure that you want to perform a forced delete operation on the following containers?
Files and directories will be lost! *container_list*

Explanation: You must confirm that you want to force the deletion of the listed containers. If you do so, any files and directories in those containers will also be deleted.

Action: Click Forced Delete to force the deletion of the listed container. Click Cancel to cancel the forced deletion.

CMMNW9026W Are you sure that you want to perform a forced detach operation on the following containers?
Open files will be lost! *container_list*

Explanation: You must confirm that you want to force the detachment of the listed containers. If you do so, any files and directories in those containers will also be deleted.

Action: Click Forced Detach to force the detachment of the listed container. Click Cancel to cancel the forced detachment.

CMMNW9027W You need to select one or more containers to create FlashCopy images.

Explanation: You must select a container (also called a fileset) from the list of containers to create FlashCopy images for that container.

Action: Select a container. Then select Create FlashCopy images from the action pulldown list and click Go to start the wizard for creating FlashCopy images.

CMMNW9028W You need to select one or more FlashCopy images to delete.

Explanation: You must select a container (also called a fileset) from the list of containers to create FlashCopy images for that container.

Action: Select a container. Then select Delete FlashCopy images from the action pulldown list and click Go to delete the selected FlashCopy images.

CMMNW9029W You need to select a FlashCopy image to revert to.

Explanation: You must select a FlashCopy image from the list of FlashCopy images to revert the container (also called a fileset) to that image.

Action: Select a FlashCopy image. Then select Revert to from the action pulldown list and click Go to choose the method used to revert the container to the FlashCopy image.

CMMNW9030W You need to select a FlashCopy image to see its details.

Explanation: You must select a FlashCopy image from the list of FlashCopy images to view details about that image.

Action: Select a FlashCopy image. Then select Details from the action pulldown list and click Go to view details about the selected image.

CMMNW9031W Are you sure that you want to perform a forced delete operation on the following FlashCopy images? If there are open files associated with the images, they will be lost, which may cause application errors.
flashcopy_image_list

Explanation: You must confirm that you want to force the deletion of the listed FlashCopy images. If you do so, any open files associated with the FlashCopy images will be lost, which may result in application errors.

Action: Click Forced Delete to force the deletion of the listed FlashCopy images. Click Cancel to cancel the forced deletion.

CMMNW9032W Are you sure that you want to perform a forced container reversion to the following FlashCopy image? If there are open files associated with the image, they will be lost, which may cause application errors.
flashcopy_image

Explanation: You must confirm that you want to force the reversion of the container to the listed FlashCopy image. If you do so, any open files associated with the FlashCopy image will be lost, which may result in application errors.

Action: Click Forced Revert to force the reversion of the container to the listed FlashCopy image. Click Cancel to cancel the forced reversion.

CMMNW9033W The container *VALUE_0* has child containers. You must first detach them before reverting to the image.

Explanation: You cannot revert the container *container_name* to the selected FlashCopy image, because the container has child containers.

Action: Detach all child containers from the container. Then attempt to revert the container to the FlashCopy image again.

CMMNW9034E The master Metadata server must be online.

Explanation: You cannot assign the container (*fileset*) to the Metadata server because the master Metadata server must be online.

Action: Perform the following steps to resolve the problem.

1. Wait a few minutes and attempt to assign the container to the Metadata server again.
2. Attempt to restart the master Metadata server.

CMMNW9035E To change the Metadata server value, the current Metadata server cannot be online or quiescent.

Explanation: You cannot assign the container to a new Metadata server because the current Metadata server is in either an Online or Quiescent state.

Action: Stop the current Metadata server before you attempt to assign this container to a new Metadata server.

CMMNW9036E The root container must be assigned to the master Metadata server.

Explanation: You cannot assign the root container to a new Metadata server. It must always be assigned to the master Metadata server.

Action: Do not attempt to assign the root container to a Metadata server other than the master Metadata server.

CMMNW9037E A Metadata server must be selected to which the container is assigned.

Explanation: You must select a Metadata server from the list of Metadata server to which the container will be assigned.

Action: Select a Metadata server to which the container will be assigned. Then click OK to continue creating the container.

CMMNW9038I Are you sure that you want to delete the following inactive policies?
inactive_policy_list

Explanation: You must confirm that you want to delete the listed inactive policies.

Action: Click OK to delete the listed inactive policies. Click Cancel to cancel the deletion.

CMMNW9039I Verify the following changes:
new_active_policy will be activated.
current_active_policy will be deactivated.

Explanation: You must confirm that you want to activate a policy, which will automatically deactivate the current active policy. Only one policy can be active at a time.

Action: Click OK to activate the policy *new_active_policy*. Click Cancel to keep the current active policy.

CMMNW9040I Verify the following changes:
new_active_policy will be activated.

Explanation: You must confirm that you want to activate the policy *new_active_policy*.

Action: Click OK to activate the policy *new_active_policy*. Click Cancel to cancel the policy activation.

CMMNW9041I The selected policy is already the active policy.

Explanation: You are attempting to activate a policy, but it is already the active policy.

Action: No action is required, if you want this policy to be the active policy. Otherwise, select another policy, select Activate from the action pulldown list, and click Go to activate that policy.

CMMNW9042W You need to select one or more inactive policies to delete.

Explanation: You must select an inactive policy from the list of policies to delete it.

Action: Select one or more inactive policies. Then select Delete from the action pulldown list and click Go to delete each selected policy.

CMMNW9043W You need to select an inactive policy to activate.

Explanation: You must select an inactive policy from the list of policies to activate it. If another policy is currently active, it will automatically be deactivated.

Action: Select an inactive policy. Then select Activate from the action pulldown list and click Go to activate that policy.

CMMNW9044W You need to select a policy to see its properties.

Explanation: You must select a policy from the list of policies to view its properties.

Action: Select a policy. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one policy at a time.

CMMNW9045E You need to select a policy to clone or create a new policy.

Explanation: You are attempting to create a new policy using the clone policy creation method, but you did not select a policy to be cloned.

Action: Select a policy from the Existing Policy pulldown list. Then click Next to continue creating the policy. Alternatively, you can choose to create a policy using the new policy creation method.

CMMNW9046E The policy name cannot contain the single quotation mark character.

Explanation: You cannot use the single quotation mark characters (' ') in the name of a policy.

Action: Choose a policy name that does not contain the single quotation mark character. Then continue with the Create a Policy wizard.

CMMNW9047E You need to select a storage pool.

Explanation: To create a policy, you must select a storage pool to which files will be assigned, based on the results of the rules that you specify.

Action: Select a storage pool from the Storage Pool Assignment pulldown list. Then continue with the Create a Policy wizard.

CMMNW9048E The rules cannot be null.

Explanation: To create a policy, you must create one or more rules to be added to the policy. These rules dictate where files will be placed.

Action: Create one or more rules for the policy. Then continue with the Create a Policy wizard.

CMMNW9049I Are you sure that you want to start the cluster? This will take some time, and after the cluster is started, some changes will be harder to make. These Metadata servers will come online as part of the cluster:

metadata_server_list

Explanation: You must confirm that you want to start the cluster.

Action: Click OK to start the cluster. Click Cancel to cancel the operation.

CMMNW9050I Verify the following changes:

Version *new_software_version* will become the committed software version of the cluster, and the process of updating the metadata structures will begin.

Version *current_software_version* will no longer be used.

Explanation: You must confirm that you want to upgrade the cluster software version to the specified version. The current software version will no longer be operational.

Action: Click OK to upgrade the cluster. Click Cancel to cancel the upgrade operation.

CMMNW9051W The cluster operational state cannot be changed while in state: *cluster_state*

Explanation: You cannot change the state of the cluster while it is in the Not Running, Forming, or Unknown state.

Action: Perform the following actions to resolve the problem.

1. Wait a few minutes to see if the cluster changes states.
 2. Start the cluster.
 3. After the cluster is started, attempt to change the state of the cluster again.
-

CMMNW9052W The cluster cannot be started while in state: *cluster_state*

Explanation: You start a cluster only when it is in the Not Running or Unknown state.

Action: Perform the following actions to resolve the problem.

1. Wait a few minutes to see if the cluster changes states.
 2. Change the state of the cluster to be a state in which the cluster can be started.
 3. Attempt to start the cluster again.
-

CMMNW9053W The cluster cannot be stopped while in state: *cluster_state*

Explanation: You cannot stop the cluster while it is in the Not Running state.

Action: Wait a few minutes to see if the cluster changes state. If it does, attempt to stop the cluster again. Otherwise, no action is required because the cluster is already stopped.

CMMNW9054W The cluster software upgrade cannot be committed if the server software has not been upgraded yet.

Explanation: Before you can upgrade the software version for the cluster, the software version for each Metadata server in the cluster must be upgraded.

Action: Make sure that all Metadata servers have been upgraded to the same software version before attempting to commit it at the cluster level.

CMMNW9055I Metadata servers will be stopped only if their states are: Online, Partly Quiescent, Fully Quiescent or Offline.

Explanation: You cannot stop one or more of the selected Metadata servers because they are in the wrong state. You can stop a Metadata server only if it is in one of the listed states.

Action: Perform the following actions to resolve the problem.

1. Verify that you are attempting to stop the correct Metadata server.
 2. Wait a few minutes to see if the Metadata server changes to a state that can be stopped.
-

CMMNW9056I Metadata servers will be started only if their states are: Not Running or Unknown.

Explanation: You cannot start one or more of the selected Metadata servers because they are in the wrong state. You can start a Metadata server only if it is in one of the listed states.

Action: Perform the following actions to resolve the problem

1. Verify that you are attempting to start the correct Metadata server.
 2. Wait a few minutes to see if the Metadata server changes to a state that can be started.
-

CMMNW9057I These Metadata servers are in the wrong state; therefore, they were removed from the list: *metadata_server_list*.

Explanation: The listed Metadata servers are in the wrong state to be stopped or started (depending on which task you were performing when you received the error). Therefore, they will be removed from the list of Metadata servers to be stopped or started.

Action: Make sure that the Metadata servers are in the required state before attempting to start or stop them.

CMMNW9058W You need to select a Metadata server to see its properties.

Explanation: You must select a Metadata server from the list of Metadata servers to view its properties.

Action: Select a Metadata server. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one Metadata server at a time.

CMMNW9059W You need to select one or more inactive Metadata servers to start.

Explanation: Before you can start a Metadata server, it must be in one of these states: Not Running or Unknown.

Action: Select one or more Metadata servers that are in a Not Running or Unknown state. Then select Start from the action pulldown list and click Go to start each selected Metadata server.

CMMNW9060W You need to select one or more active Metadata servers to stop.

Explanation: Before you can stop a Metadata server, it must be in one of these states: Offline, Fully Quiescent, Partly Quiescent, or Online.

Action: Select one or more Metadata servers that are in the appropriate state from the list of Metadata servers. Then select Stop from the action pulldown list and click Go to stop each selected Metadata server.

CMMNW9061E Metadata servers cannot be started because the master Metadata server is not active. Start the master Metadata server or start the cluster.

Explanation: To start the selected Metadata servers, the master Metadata server cannot be in the Not Running or Unknown state.

Action: Start the master Metadata server and then attempt to start the other Metadata servers again. Alternatively, you can start the cluster.

CMMNW9062I No log messages matched the retrieval settings, so none were retrieved. You can refine the log-retrieval settings and try again.

Explanation: You are attempting to retrieve log messages but no log messages match your retrieval criteria so no messages were retrieved.

Action: Refine your retrieval settings and click Refresh.

CMMNW9063I Unable to reach all Metadata servers in the cluster. The following information includes log messages only from a limited number of servers.

Explanation: Log messages are normally consolidated for all Metadata servers in the cluster before they are displayed. In this case, some of the Metadata servers are not reachable (they may not be active). Therefore, log messages for only the Metadata servers that are reachable are displayed.

Action: To retrieve log messages from all Metadata servers, make sure they are all reachable. Then attempt to retrieve the log messages again.

CMMNW9064W Are you sure that you want to delete all messages in the cluster log?

Explanation: You must confirm that you want to delete all messages in the cluster log.

Action: Click OK to delete all messages in the cluster log. Click Cancel to cancel the deletion.

CMMNW9065W Are you sure that you want to delete all messages in the audit log?

Explanation: You must confirm that you want to delete all messages in the audit log.

Action: Click OK to delete all messages in the audit log. Click Cancel to cancel the deletion.

CMMNW9066W You need to select an engine to see its properties.

Explanation: You must select an engine from the list of engines to view its properties.

Action: Select an engine. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one engine at a time.

CMMNW9067W You need to select at least one engine to change its power state.

Explanation: You must select an engine from the list of engines to change its power state.

Action: Select one or more engines. Then select Change Power State from the action pulldown list and click Go to change the state for each engine.

CMMNW9068I Are you sure that you want to revoke root privileges for the following clients? These clients will no longer have unrestricted access.
client_list

Explanation: You must confirm that you want to revoke root privileges for the listed clients.

Action: Click OK to revoke root privileges for the listed clients. Click Cancel to cancel the revocation.

CMMNW9069W You need to select a single client to see its details.

Explanation: You must select a client session from the list of clients to view details for the client.

Action: Select a client session. Then select Details from the action pulldown list and click Go to view details about the client.

Note: You can view details for only one client session at a time.

CMMNW9070W You need to select at least one client with standard privileges to grant root privileges.

Explanation: You must select a client session with standard privileges from the list of clients to grant root privileges to that client.

Action: Select one or more clients with standard privileges. Then select Grant Clients Root Privileges from the action pulldown list and click Go to grant root privileges to each selected client.

CMMNW9071W You need to select at least one client with root privileges to revoke root privileges.

Explanation: You must select a client session with root privileges from the list of clients to revoke root privileges to that client.

Action: Select one or more clients with root privileges. Then select Revoke Clients Root Privileges from the action pulldown list and click Go to revoke root privileges for each selected client.

CMMNW9072W You need to enter the name of the client that will be granted root privileges.

Explanation: To grant root privileges for a client, you must enter the name of the client in the Client Name field.

Action: Enter the name of a client to be granted root privileges in the Client Name field. Then click Add to add the client with root privileges.

CMMNW9073W Are you sure that you want to grant root privileges for the following clients? These clients will have unrestricted access.
client_list

Explanation: You must confirm that you want to grant root privileges to the listed clients.

Action: Click OK to grant root privileges for the listed clients. Click Cancel to cancel the grant privileges operation.

CMMNW9074W You need to select one or more tables to display in order to create a Statistics Overview report.

Explanation: You must select one or more tables to be included in the Statistics Overview report from the list of tables.

Action: Select one or more tables. Then click Create Report to display a report from the selected tables.

CMMNW9075W Are you sure you want to perform a forced create on the following recovery files The existing recovery file will be lost and metadata recovery may not be possible.
recovery_file_list

Explanation:

Action:

CMMNW9076W Are you sure you want to delete the following metadata recovery files? Data will be lost and metadata recovery may not be possible.

recovery_file_list

Explanation: You must confirm that you want to force the creation of the listed metadata disaster recovery file. There is currently a metadata disaster recovery file by that name and it will be overwritten by the new file.

Action: Click Forced Create to create the listed Metadata disaster recovery file. Click Cancel to cancel the creation.

CMMNW9077W You need to select one or more recovery files to delete.

Explanation: You must select a recovery file from the list of recovery files to delete the file.

Action: Select one or more recovery files. Then click Delete to delete each selected recovery file.

CMMNW9078W Are you sure you want to repair metadata as necessary? The cluster might need to be taken offline and might require manual intervention to repair metadata.

Explanation: You must confirm that you want to repair metadata as necessary. If you do, the cluster may need to be taken offline and you might have to manually repair the metadata.

Action: Click OK to begin the metadata repair operation. Click Cancel to cancel the repair operation.

CMMNW9079W You need to select one or more Metadata servers when changing the service state.

Explanation: You must select a Metadata server from the list of Metadata servers to change the state of the automatic restart service.

Action: Select one or more Metadata servers. Then select either Start Service or Stop Service from the action pulldown list and click Go to change the automatic restart service state for each selected Metadata server.

CMMNW9080W You may only select one Metadata server when viewing statistics.

Explanation: You must select a Metadata server to view statistics about the Metadata server restart service.

Action: Select a Metadata server. Then select Statistics from the action pulldown list and click Go to view statistics for the selected Metadata server restart service.

CMMNW9081E The Server Workload Process Limit cannot be decreased from current value:*current_value,number*.

Explanation: The Server Workload Process Limit determines the number of workload operations that can be run simultaneously for each Metadata server in the cluster. The value *current_value* is the minimum value that you can specify for this field.

Action: Specify a value greater than *current_value* (but less than 50) for the Server Workload Process Limit field.

CMMNW9082E The Admin Process Limit cannot be decreased from current value:*current_value,number*.

Explanation: The Admin Process Limit determines how many administrative commands (from both the SAN File System console and the command-line interface) can be running at one time. The value *current_value* is the minimum value that you can specify for this field.

Action: Specify a value greater than *current_value* (but less than 10) for the Admin Process Limit field.

CMMNW9083W You need to select at least one engine to collect diagnostic data.

Explanation: You must select an engine from the list of engines to collect diagnostic data for that engine.

Action: Select one or more engines. Then select OK to collect diagnostic data for each selected engine.

CMMNW9084W Are you sure that you want to collect diagnostic data for the following engines? The diagnostic data collection might take a few minutes to complete.
engine_list

Explanation: You must confirm that you want to collect diagnostic data for the selected engines.

Action: Click OK to begin collecting diagnostic data. Click Cancel to cancel the diagnostic data collection.

CMMUI8000E Unexpected error. Run the task again. If the problem continues, contact your service representative.

Explanation: The system encountered an unexpected error.

Action: Attempt to run the task again. If you see the same error, contact your service representative.

CMMUI8100E Field *field_name* cannot be empty.

Explanation: The field *field_name* cannot be an empty field.

Action: Enter an appropriate value in the field *field_name*.

CMMUI8101E Field *field_name* must be numeric.

Explanation: You must enter a number in the field *field_name*.

Action: Enter a number in the field *field_name*.

CMMUI8102E Field *field_name* must be between *minimum_value* and *maximum_value*.

Explanation: You must enter a number for the field *field_name*.

Action: Enter a number in the field *field_name*.

CMMUI8103E Field *field_name* must be less than *maximum_value*.

Explanation: You must enter a number less than *maximum_value* in the field *field_name*.

Action: Enter a number less than *maximum_value* in the field *field_name*.

CMMUI8104E Field *field_name* must be greater than or equal to *minimum_value*.

Explanation: You must enter a number greater than or equal to *minimum_value* in the field *field_name*.

Action: Enter a number greater than or equal to *minimum_value* in the field *field_name*.

CMMUI8105E Field *field_name* must be exactly *field_length* characters long.

Explanation: You must enter a value that is exactly *field_length* characters long in the field *field_name*.

Action: Enter a value that is exactly *field_length* characters long in the field *field_name*.

CMMUI8106E Field *field_name* must be less than *maximum_length* characters long.

Explanation: You must enter a value that is less than *maximum_length* characters long in the field *field_name*.

Action: Enter a value that is less than *maximum_length* characters long in the field *field_name*.

CMMUI8107E Field *field_name* must be at least *minimum_length* characters long.

Explanation: You must enter a value that is at least *minimum_length* characters long in the field *field_name*.

Action: Enter a value that is at least *minimum_length* characters long in the field *field_name*.

CMMUI8108E Field *field_name* must be between *minimum_length* and *maximum_length* characters long.

Explanation: You must enter a value that is at least *minimum_length* characters long but not longer than *maximum_length* characters long in the field *field_name*.

Action: Enter a value that is between *minimum_length* and *maximum_length* characters long in the field *field_name*.

CMMUI8109E Field *field_name* must be an integer.

Explanation: You must enter an integer in the field *field_name*.

Action: Enter an integer in the field *field_name*.

CMMUI8200E You must enter a user name.

Explanation: You attempted to sign on, but you did not enter a user name. Both a user name and password are required.

Action: Enter a valid user name and password. Then click **OK** to sign on.

CMMUI8201E You must enter a password.

Explanation: You attempted to sign on, but you did not enter a password. Both a user name and password are required.

Action: Enter a valid user name and password. Then click **OK** to sign on.

CMMUI8202E You must enter a user name and a password.

Explanation: You attempted to sign on, but you did not enter a user name and password. Both a user name and password are required.

Action: Enter a valid user name and password. Then click **OK** to sign on.

CMMUI8203E The Administrative server could not authenticate the user name.

Explanation: You attempted to sign on, but the Administrative server could not authenticate your user name.

Action: Perform the following actions to resolve the problem:

1. Make sure that you are using a valid user name and password.
 2. Attempt to sign on again.
 3. Contact your service representative.
-

CMMUI8204E The user name you entered does not exist.

Explanation: You attempted to sign on using an unknown user name.

Action: Make sure that you are using a valid user name and password and attempt to sign on again.

CMMUI8205E The password you entered is not valid.

Explanation: You attempted to sign on using a password that is not valid.

Action: Make sure that you are using a valid user name and password and attempt to sign on again.

CMMUI8300E An unexpected error occurred when accessing the CIM agent.

Explanation: A Common Information Model (CIM) agent resides on the same engine as the Administrative server. The CIM agent controls the authentication of users with the Lightweight Directory Access Protocol (LDAP) server and access to the Metadata server.

The Administrative server must be able to connect to the CIM agent. However, an unexpected error occurred when the Administrative server attempted to access the CIM agent.

Action: Perform the following actions to resolve the problem:

1. Wait a few minutes and attempt to sign on again.
2. Contact your service representative.

CMMUI8301E The user name or password is not valid. The CIM agent could not authenticate the user name.

Explanation: You attempted to sign on, but the user name or password is not valid. The CIM agent is not able to authenticate this user name and password with the Lightweight Directory Access Protocol (LDAP) server.

Action: Make sure that you are using a valid user name and password. Then attempt to sign on again.

CMMUI8302E The Administrative server could not connect to the CIM agent. It might be down.

Explanation: A Common Information Model (CIM) agent resides on the same engine as the Administrative server. The CIM agent controls the authentication of users with the Lightweight Directory Access Protocol (LDAP) server and access to the Metadata server.

The Administrative server must be able to connect to the CIM agent. However, an error occurred when the Administrative server attempted to access the CIM agent.

Action: The engine operating system will attempt to restart the CIM agent automatically. Therefore, perform the following actions to resolve the problem:

1. Wait a few minutes for the operating system to attempt to restart the CIM agent.
2. Attempt to sign on again.
3. Contact your service representative.

CMMUI8303E The Administrative server is unable to access the truststore file.

Explanation: The Administrative server uses the certificates in the truststore file to create a secure connection with the CIM agent, which is responsible for authenticating your user name and password with the Lightweight Directory Access Protocol (LDAP) server. The Administrative server cannot access the truststore file so no authentication can occur.

Action: Perform the following actions to resolve the problem

1. Verify that the truststore file exists.
2. Verify that the Administrative server can access the truststore file.
3. Verify that the truststore file was created correctly.
4. Contact your service representative.

CMMUI8304E The Administrative server is unable to find a valid certificate in the truststore file.

Explanation: The Administrative server uses the certificates in the truststore file to create a secure connection with the CIM agent, which is responsible for authenticating your user name and password with the Lightweight Directory Access Protocol (LDAP) server. The Administrative server cannot find a valid certificate for the CIM agent in the truststore file so no authentication can occur.

Action: Perform the following actions to resolve the problem

1. Verify that the truststore file was created correctly.
2. Contact your service representative.

CMMUI8305E The user role for this user name is undefined.

Explanation: User roles determine the level of access that a user name has to the SAN File System. User names are assigned to roles on the Lightweight Directory Access Protocol (LDAP) server. The user role for your user name either does not exist or is not one of the roles supported by the SAN File System.

The SAN File System supports the following user roles: Monitor, Backup, Operator, and Administrator.

Action: Perform the following actions to resolve the problem

1. Verify that a valid user role has been defined for your user name.

2. Attempt to sign on again.
3. Contact your service representative.

HSTAC0001I Password file written to *file_location*.

Explanation: The password file was successfully created in the directory for which the command was executed.

Action: No action is required. File was created successfully. Put the file in the default location or set the environment variable SFS_CLI_PASSWDFILE to the location of the file created.

HSTAC0002E The password file was not created.

Explanation: The password file was not created.

Action: There is a problem with the system. Additional errors may have been written to standard error.

HSTAC0003I Usage: *command_usage*

Explanation: The command usage for the application.

Action: The command only supports the specified usage noted. Please check the syntax of the command executed.

HSTAP0001E An unexpected error was returned from the call `getAuthRole()`.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0002E The CIM agent will support only basic authentication. Check the CIM agent configuration.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0003E Could not connect to the LDAP server. Check the CIM agent configuration. LDAP error is *LDAP_error*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0004E Could not search the LDAP server. Check the CIM agent configuration.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0005E The connection to the LDAP server was broken.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0006E Could not load CIM agent configuration (*cimom.properties*). Using default values.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0007E Could not load provider configuration (tank.properties). Using default values.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0008E Could not stop Metadata server *server_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0009E The log record does not contain a valid timestamp.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0010E The log record is not valid. It does not contain all required fields.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0011E Could not start cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0012E Could not stop cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0013E Could not quiesce cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0014E Could not resume cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0015E Could not add Metadata server to cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0016E Could not drop Metadata server from cluster *cluster_name*. The error message is *error_text*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0017E Could not find property *property* in the CIMOM configuration. Please check the **tank.properties** file.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0018E Provider failed with XNP return code *XNP_code*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0019E Unknown XNP type *XNP_type*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0020E Could not process request because there are no Administrative server threads available.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0021E Could not list available LUNs. Device map file *file_name* was not found.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0022E Could not list available LUNs. Device map file *file_name* is not valid.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0023E Could not list available LUNs. I/O error while reading device map file *file_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0024E Could not list available LUNs. Incompatible information in device map file *file_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0025E Could not process the request because of an error in the native library.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0026E Could not set subordinate Metadata server *server_name* as the master Metadata server. *error*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0027E Cannot save the current state of the automatic restart service.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0028E Could not retrieve information regarding remote CIM agents.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0029E Could not communicate with remote CIM agent on Metadata server *server_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0030E Cannot change the state of this CIM agent to be the master. The remote CIM agent on Metadata server *server_name* still believes it is the master.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0031E Cannot change the state this CIM agent to be the master. This CIM agent still believes it is a subordinate CIM agent.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0032E Cannot disable the automatic restart service on server *server_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0033E Cannot enable the automatic restart service.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0034E The RSA adapter is not available. Please verify that the RSA adapter is configured correctly.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0035S Could not retrieve group membership and cluster information. Corrupted output: *corrupted_output*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0036S Could not retrieve group membership information. Encountered an error executing the lscluster command: *error*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0037E Assert. Executing *CIM_class_name.CIM_method_name* The key *key_name* specified in the CIMObject path *CIMObjectPath* has a value of *key_value*. The expected value was *expected_key_value*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0038W Encountered a *error* error while attempting to Suspend the automatic restart service in response to a *method_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0039E An Invalid XNP Error Code was found embedded in the Exception message string: *error string*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0040E Unable to retrieve the embedded XNP error string from the CIMException of type *exception name* with the exception message: *localized message*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0041E Error is *cmd_error*.

Explanation: The scripts that generate the MDRAid files terminated with an error code.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0042E An STP protocol error was detected. The return code from STP is *return_code*.

Explanation: The scripts that generate the MDRAid files terminated with an error code.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0043E The Watchdog Persistent store contains invalid or out of range values: Watchdog State = *state*, Current Retries = *retries*. Changing the Watchdog to the *new state* state.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0044E The clusterName in the tank.properties file is wrong. Using the clusterName from the MetaData server.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0045E legacy overflow redirected to file *file_name*.

Explanation: The result of a legacy command was redirected to a file because it exceeded the legacy overflow size.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0046W Role *role* contains invalid dn *dn*.

Explanation: No additional information is available for this message.

Action: Verify the ldap configuration.

HSTAP0047W Role base dn *dn* contains no roles.

Explanation: No additional information is available for this message.

Action: Verify the ldap configuration.

HSTAP0048E The SANFS server has been restarted too many times (4) within the past one hour. Disabling autorestart.

Explanation: SANFS autorestart has a limit on the number of times a SANFS server will be restarted automatically within one hour. Autorestart has found the server not-alive too many times within the past hour and will not restart the server again unless autorestart is enabled.

Action: Determine the reason why SANFS server is not staying operational. Once the problem is corrected, you can enable autorestart.

HSTAP0049E Unexpected Exception in autorestart.

Explanation: An unforeseen error has occurred in autorestart.

Action: Please contact your service representative.

HSTAP0050E The SDD *cfgvpath* query command did not complete its execution before the maximum allowed time out.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0051E Encountered a Security violation while executing the SDD *cfgvpath* command.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0052E Encountered an IO error while executing the SDD *cfgvpath* query command.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0053E Could not find the value for the *attr_name* attribute between the indices *start_index* and *end_index* from the output of the SDD *cfgvpath* query command : *record*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0054E The value for the key *key_name* is not a number.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0055E Encountered an exception while parsing the output of the SDD `cfgvaph` query : *exception_name*

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0056E Could not find or open the file *file_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0057E The file *file_name* contains corrupted data. Encountered the exception *exception_name* while parsing it.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0058E Could not start Metadata server *server_name* due to *reason* The server process exited with value *status_code*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0059E Could not start Metadata server *server_name* due to incorrect permissions or missing command. Attempted to execute *start_command*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0060E No roles found for role base dn *role_dn*.

Explanation: The LDAP server did not have any role definitions found in the role DN *role_dn*.

Action: Verify the ldap configuration and create role entries as needed.

HSTAP0061W Role name *roleName* is not valid.

Explanation: Role names must be one of the following: Administrator, Operator, Backup, or Monitor. Members of this entry are ignored.

Action: Verify the ldap configuration.

HSTAP0062E Could not load CIMOM configuration (`cimom.properties`). Using default values.

Explanation: The `cimom.properties` file could not be loaded, either because of permissions problems or because it didn't exist.

Action: Verify that the `cimom.properties` file exists with the correct permissions.

HSTAP0063E Could not locate the truststore file.

Explanation: The truststore could not be loaded, either because of permissions problems or because it didn't exist.

Action: Verify that the truststore file exists with the correct permissions.

HSTAP0064W SANFS server *server_name* aborted and exited after starting.

Explanation: CIMOM started the SANFS server but detected that the server has exited. CIMOM will try to start the server again for a limited (4) number of times. If the server could not be started within the limited number of retries, the autorestart facility will be disabled.

Action: Determine the reason why SANFS server is not staying operational. Once the problem is corrected, you can enable autorestart.

HSTAP0065E Could not connect to CIM server at address *ip* and port *port*. This message will be displayed only if there is a failure to connect after *hours* hours or when the remote cimom fails again after a restart, whichever is earlier.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0066E Could not find configuration file *fileName*. Using default values.

Explanation: The properties file could not be loaded, either because of permissions problems or because it didn't exist.

Action: Verify that the cimom.properties file exists with the correct permissions.

HSTAP0067E Property *name* of file *file* with value *value* is not an integer.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0068E Property *name* of file *file* with value *value* is not a boolean.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0069E Property *name* of file *file* is not defined.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0070E Property *name* in file *file* with value *value* is greater than max value *max*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0071E Property *name* in file *file* with value *value* is less than min value *min*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0072W The *property_name* property has an incorrect value *value_from_property_file* in the tank.properties file. Using the value *value_from_mds* obtained from the Meta Data Server.

Explanation: The values from the SANFS server does not match the value obtained from the tank.property file. The admin server will use the value from SANFS server and ignore the value from the tank.properties file.

Action: Examine the tank.properties and ensure that the value for the specified property matches the value that the SANFS server has already been configured with.

HSTAP0073W Unable to validate configuration parameters.

Explanation: The CIM Agent is unable to validate its copy of the configuration parameters with the Meta Data Server. These parameters will be validated only when the CIM Agent is restarted.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0074W The automatic restart service is being disabled because the last *number_of_attempts* attempts to restart the SANFS Meta Data Server have been unsuccessful.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAS0001E Error: The call to get_param() did not contain a parameter name.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAS0002E Required Parameter, *parameter_name*, is not set in *parameter_file_name*.

Explanation: You must set the parameter *parameter_name* in the file *parameter_file_name*.

Action: Set the parameter *parameter_name* and attempt to continue setup.

HSTAS0003E Error: cimom.properties file not found; aborting...

Explanation: The SAN File System cannot find cimom.properties so the setup of the Metadata server cannot continue.

Action: Make sure that cimom.properties exists, and that it is located in the directory /usr/tank/admin/config. Then attempt to set up the Metadata server again.

HSTAS0004E Error: tank.properties file not found; aborting...

Explanation: The SAN File System cannot find tank.properties so the setup of the Metadata server cannot continue.

Action: Make sure that tank.properties exists, and that it is located in the directory /usr/tank/admin/config. Then, attempt to set up the Metadata server again.

HSTAS0005I Creating truststore file.

Explanation: The SAN File System is in the process of creating the truststore file.

Action: No further action is required. When the SAN File System has finished creating the truststore file, a message will be generated indicating whether the truststore was created successfully or not.

HSTAS0006I The truststore was created successfully.

Explanation: The SAN File System was successful in creating the truststore file.

Action: No further action is required.

HSTAS0007E Error: The truststore was not created successfully.

Explanation: The Administrative server uses the certificates in the truststore file to create a secure connection with the CIM agent, which is also responsible for authenticating your user name and password with the Lightweight Directory Access Protocol (LDAP) server.

The SAN File System was not able to create the truststore file.

Action: Contact your service representative.

HSTAS0008E Incorrect arguments. Please use following usage: `mktruststore [ldap_certificate]`.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTIG0001E Halting the deinstallation because
the existing Administrative server cannot be
upgraded to this version. No changes will be made.
To override and upgrade anyway, run:
`touch /usr/tank/admin/.IGNORE_VERS`

Explanation: The installation script first verifies that the upgrade path is supported by comparing the INTERFACE value in `/usr/tank/admin/VERSION` with the version being installed. If the difference between these values is greater than 1, the new package will not be able to communicate with the Metadata server. You can create the file `/usr/tank/server/.IGNORE_VERS` to force the upgrade.

Action: Before upgrading to this level an intermediate upgrade is required. Contact your service representative to determine the supported upgrade path.

HSTIG0002E `/usr/tank/admin/VERSION` does not exist.

Explanation: The installation script first verifies that the upgrade path is supported by comparing the INTERFACE value in `/usr/tank/admin/VERSION` with the version being installed.

Action: Attempt to install the Administrative server again.

HSTIG0003W Could not install the SAN File System console.

Explanation: `/usr/tank/admin/bin/installConsole` is executed to install the console. If this operation fails, the SAN File System console will not be available. However, you will still be able to use the Administrative CLI to administer the Metadata server.

Action: Review the log files in `/usr/tank/admin/log`. If you cannot resolve the problem using the log files, contact your service representative. If you can resolve the problem, you can run the `installConsole` command to install the SAN File System Console.

HSTIG0004I WebSphere Application Server is not installed in `/opt/was`.
Therefore, cannot install the SAN File System console.
After installing WebSphere Application Server, run:
`/usr/tank/admin/bin/installConsole`

Explanation: The SAN File System console requires that WebSphere Application Server be installed.

Action: Install the WebSphere Application Server in `/opt/was`.

HSTIG0005I Eclipse is not installed in `/opt/eclipse`.
Therefore, cannot install the SAN File System console.
After installing Eclipse, run:
`/usr/tank/admin/bin/installConsole`

Explanation: The SAN File System console requires that Eclipse be installed.

Action: Install Eclipse in `/opt/eclipse`.

HSTIG0006E The Administrative server cannot be removed while the Administrative agent and the SAN File System console are running. `/usr/tank/admin/bin/stopTank -noprompt` failed. Run `/usr/tank/admin/bin/stopTank` to resolve the problem. No changes will be made.

Explanation: The Administrative server cannot be removed while the Administrative agent and the SAN File System console are running. The rpm attempts to stop these processes by running `/usr/tank/admin/bin/stopTank`. To override and remove the Administrative server anyway: `touch /usr/tank/admin/.SKIP_STOPTANK`

Action: Review the log files in /usr/tank/admin/log. If you cannot resolve the problem using the log files, contact your service representative.

**HSTIG0007E Halting the upgrade because
/usr/tank/admin/bin/stopCimom failed.**

Explanation: The Administrative server can be upgraded while the Administrative agent is active. The rpm attempts to stop the Administrative agent by running /usr/tank/admin/bin/stopCimom. If this operation fails the upgrade cannot continue. After the package has been upgraded the rpm will restart the Administrative agent by running /usr/tank/admin/bin/startCimom. To override and upgrade anyway, run: touch /usr/tank/admin/.IGNORE_CIMOM_RUNNING

Action: Review the log files in /usr/tank/admin/log.. If you cannot resolve the problem using the log files, contact your service representative.

**HSTIG0008E Halting the upgrade because
/usr/tank/admin/bin/stopConsole failed.**

Explanation: The Administrative server can be upgraded while the console is active. The rpm attempts to stop the console by running /usr/tank/admin/bin/stopConsole. If this operation fails, the upgrade cannot continue. After the package has been upgraded, the rpm will restart the console by running /usr/tank/admin/bin/startConsole. To override and upgrade anyway, run: touch /usr/tank/admin/.IGNORE_CONSOLE_RUNNING

Action: Review /usr/tank/admin/console.log. If you cannot resolve the problem using the log, contact your service representative.

**HSTIG0009W
Could not restart the Administrative agent.**

Explanation: During an upgrade, the Administrative agent is stopped. After the package has been upgraded, the rpm will restart the Administrative agent by running /usr/tank/admin/bin/startCimom.

Action: Review the log files in /usr/tank/admin/log. If you cannot resolve the problem using the log files, contact your service representative.

HSTIG0010W Could not restart the SAN File System console.

Explanation: During an upgrade, the SAN File System console is stopped. After the package has been upgraded, the rpm will restart the SAN File System console by running /usr/tank/admin/bin/startConsole.

Action: Review the log files in /usr/tank/admin/log. If you cannot resolve the problem using the log files, contact your IBM service representative.

HSTWU0001E Could not locate the Websphere-Express directory *express_dir*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0002E Could not locate the SAN File System Information Center under *eclipse_dir*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0003E Please see the log file *log_file_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0004I Starting stconsole:

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0005E /usr/tank/admin/bin/startConsole does not exist.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0006I Shutting down stconsole:

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0007E /usr/tank/admin/bin/stopConsole does not exist.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0008I Usage: stconsole [start | stop | restart]

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0009E Could not locate the Websphere-Express server configuration file *server_configuration_file*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0010E Could not locate the Websphere-Express virtual host configuration file *virtual_host_configuration_file*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0011I Installing the SAN File System console...

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0012E Could not install the SAN File System console.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0013E Could not install help for the SAN File System console.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0014I The SAN File System console has been installed successfully.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0015I Disabling SAN File System console tracing...

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0016E Could not disable SAN File System console tracing.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0017I Enabling SAN File System console tracing...

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0018E Could not enable the SAN File System console tracing.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0019I Starting the SAN File System console...

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0020I The SAN File System console is operational at https://host_name:7979/tank.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0021E Could not start the SAN File System console.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0022E Could not locate the Websphere-Express security configuration file *security_configuration_file*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0023I Stopping the SAN File System console...

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTWU0024E Could not stop the SAN File System console.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

Chapter 2. AIX client messages

This section provides the messages that can be generated by AIX SAN File System clients.

HSTCL0001E No value exists for `dir=` in the `-devices` parameter value.

Explanation: No additional information is available for this message.

HSTCL0002E Directory *directory_name* is not valid.

Explanation: No additional information is available for this message.

HSTCL0003E No value exists for `pat=` in the `-devices` parameter value.

Explanation: No additional information is available for this message.

HSTCL0004E The value *parameter_value* for `-devices` parameter is not recognized. It should be `dir=`, `pat=`, `none`, or `default`.

Explanation: No additional information is available for this message.

HSTCL0005E The value *parameter_value* for `-devices` parameter is not recognized. It should be `-devices={dir=dir | pat=pattern | none | default}`.

Explanation: The value you specified for the `-devices` parameter is not a recognized value.

Action: Specify a valid value for the `-devices` parameter. For example, you can specify `-devices=dir=dirname`, `-devices=pat=pattern`, `-devices=none`, or `-devices=default`.

HSTCL0006W You did not specify a client name parameter and the host name is unknown so it cannot be used as a default. The call `gethostbyname()` returned: *error_number (error_text)*. The client name will be `stfsclient`.

Explanation: No additional information is available for this message.

HSTCL0007E You did not specify a client name parameter and the host name is unknown so it cannot be used as a default. The call `gethostbyname()` returned: *error_number (error_text)*.

Explanation: No additional information is available for this message.

HSTCL0008E You cannot specify both the `-create` parameter and the `-destroy` parameter on the same command.

Explanation: On a single `stfsclient` command, you can specify either the `-create` parameter or the `-destroy` parameter. However, you cannot specify both parameters on the same `stfsclient` command.

Action: If you want to create one virtual client and destroy another virtual client, you will need to run the `stfsclient` command twice (once with the `-create` parameter specified and once with `-destroy` parameter specified).

HSTCL0009E You can specify `-create`, `-destroy`, or `-query`, but you must specify only one of these parameters.

Explanation: On a single `stfsclient` command, you must only specify one of these parameters: `-create`, `-destroy`, or `-query`.

Action: Run the `stfsclient` command multiple times, each time specifying `-create`, `-destroy`, or `-query`. Do not attempt to specify more than one of these parameters on a single `stfsclient` command.

HSTCL0010E At a minimum, you must specify the SAN File System server name as a parameter with the `-create` parameter.

Explanation: You attempted to create a virtual client using the `stfsclient` command, but you did not specify a virtual client name. You must specify a virtual client name for the `-create` parameter.

Action: Make sure that you specify a virtual client name when you run the `stfsclient` command with the `-create` parameter.

HSTCL0011E A `-create` parameter uses a maximum of two parameter values: client name and server name. You specified *parameter_values*.

Explanation: When you specify the `-create` parameter, you can specify the client name of the virtual client you want to create and the name of the Metadata server that will host the client. You specified too many parameter values for the `-create` parameter.

Action: Run the `stfsclient` command again, this time specifying only the client name and server name for the `-create` parameter.

HSTCL0012E The client name parameter cannot be longer than *valid_name_length* characters. You specified *name_length* characters.

Explanation: The client name you specified for the `-create` parameter is too long.

Action: Run the `stfsclient` command again, this time specifying a client name that is no longer than the valid name length.

HSTCL0013E The `-devices` parameter value is not valid (*parameter_value*).

Explanation: The value you specified for the `-devices` parameter is not valid.

Action: Run the `stfsclient` command again, this time specifying a valid value for the `-devices` parameter. The syntax for the `-devices` parameter is `-devices={dir=dir | pat=pattern | none | default}`

For example, you can specify `-devices=dir=dirname`, `-devices=pat=pattern`, `-devices=none`, or `-devices=default`.

HSTCL0014E The `-nettype` parameter must be `tcp` or `udp`. You specified *parameter_value*.

Explanation: The value you specified for the `-nettype` parameter is not valid.

Action: Run the `stfsclient` command again, this time specifying either `tcp` or `udp` for the `-nettype` parameter.

HSTCL0015E The `-stfserror` parameter must be `log`, `freezefs`, or `systemhalt`. You specified *parameter_value*.

Explanation: The value you specified for the `-stfserror` parameter is not valid.

Action: Run the `stfsclient` command again, this time specifying `log`, `freezefs`, or `systemhalt` for the `-stfserror` parameter.

HSTCL0016E You cannot specify both the `-devices` parameter and the `-destroy` parameter on the same command.

Explanation: On a single `stfsclient` command, you cannot specify the `-devices` parameter if you specify the `-destroy` parameter.

Action: Run the `stfsclient` command with the `-destroy` parameter again. This time, omit the `-devices` parameter.

HSTCL0017E You cannot specify both the `-nettype` parameter and the `-destroy` command on the same command.

Explanation: On a single `stfsclient` command, you cannot specify the `-nettype` parameter if you specify the `-destroy` parameter.

Action: Run the `stfsclient` command with the `-destroy` parameter again. This time, omit the `-nettype` parameter.

HSTCL0018E You cannot specify the **-stfserror** parameter and the **-destroy** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-stfserror** parameter if you specify the **-destroy** parameter.

Action: Run the stfsclient command with the **-destroy** parameter again. This time, omit the **-stfserror** parameter.

HSTCL0019E You cannot specify the **-maxpageops** parameter and the **-destroy** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-maxpageops** parameter if you specify the **-destroy** parameter.

Action: Run the stfsclient command with the **-destroy** parameter again. This time, omit the **-maxpageops** parameter.

HSTCL0020E There is only one value with the **-destroy** parameter. You specified *parameter_values*.

Explanation: For the **-destroy** parameter, you can only specify one value, the name of an existing virtual client to be destroyed.

Action: Run the stfsclient command with the **-destroy** parameter again. This time, specify only the client name as a parameter value.

HSTCL0021E You cannot specify the **-devices** parameter and the **-query** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-devices** parameter if you specify the **-query** parameter.

Action: Run the stfsclient command with the **-query** parameter again. This time, omit the **-devices** parameter.

HSTCL0022E You cannot specify the **-nettype** parameter and the **-query** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-nettype** parameter if you specify the **-query** parameter.

Action: Run the stfsclient command with the **-query** parameter again. This time, omit the **-nettype** parameter.

HSTCL0023E You cannot specify the **-stfserror** parameter and the **-query** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-stfserror** parameter if you specify the **-query** parameter.

Action: Run the stfsclient command with the **-query** parameter again. This time, omit the **-stfserror** parameter.

HSTCL0024E You cannot specify the **-maxpageops** parameter and the **-query** parameter on the same command.

Explanation: On a single stfsclient command, you cannot specify the **-maxpageops** parameter if you specify the **-query** parameter.

Action: Run the stfsclient command with the **-query** parameter again. This time, omit the **-maxpageops** parameter.

HSTCL0025E There are no parameter values for the **-query** parameter. You specified *parameter_values*.

Explanation: You specified a value for the **-query** parameter. However, the **-query** parameter does not take a value.

Action: Run the stfsclient command with the **-query** parameter again. This time, do not specify a value for the **-query** parameter.

HSTCL0026E You must specify either the **-create** parameter or the **-destroy** parameter, but not both on the same command.

Explanation: On a single stfsclient command, you must specify either the **-create** parameter or the **-destroy** parameter. However, you cannot specify both parameters on the same stfsclient command.

Action: Specify either the **-create** parameter or the **-destroy** parameter on the stfsclient command.

HSTCL0027E Port number, the text displayed after the colon (:) in the server specification, is not a simple number. It is *port_value*.

Explanation: No additional information is available for this message.

HSTCL0028E Could not resolve host name *host_name*.

Explanation: No additional information is available for this message.

HSTCL0029E Could not allocate memory to store IP addresses.

Explanation: No additional information is available for this message.

HSTCL0030E The creation of client named *client_name* for SAN File System server at IP address *IP_address*, port *port_number* failed. The SAN File System driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTCL0031I The client named *client_name* was created with client identifier *client_ID* for SAN File System server at IP address *ID_address*, port *port_number*.

Explanation: No additional information is available for this message.

HSTCL0032E The client named *client_name* was created with client identifier *client_ID* for SAN File System server at IP address *ID_address*, port *port_number*. However, the client could not contact the SAN File System server.

Explanation: No additional information is available for this message.

HSTCL0033E Could not resolve server specification *server_specification* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0034E Could not open control file *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0035E An error occurred while converting the network address to presentation form. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0036E An error occurred while writing a command to *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0037E An error occurred while writing a command to *file_name*. No error number was returned, but only *actual_number_of_bytes* of *possible_number_of_bytes* bytes were written.

Explanation: No additional information is available for this message.

HSTCL0038E Could not contact Metadata server on IP address *IP_address*. Attempting to contact Metadata server using another IP address.

Explanation: No additional information is available for this message.

HSTCL0039E Could not destroy client *client_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0040E Could not destroy client. File system driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTCL0041E Could not query clients. (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0042I Client *client_name* destroyed.

Explanation: No additional information is available for this message.

HSTCL0043E The client was created, but no disk candidates were established. Therefore, you will not be able to read or write any file data (*error_text*). To establish candidates now, use the `stfsdisk` command.

Explanation: The virtual client has been created successfully. However, there are no SAN File System volumes (disks) defined for the client to access.

Action: Run the `stfsdisk` command to define the disks that this virtual client can access.

HSTCL0044I There are no SAN File System virtual clients.

Explanation: No additional information is available for this message.

HSTCL0045E The proc file *file_name* could not be opened. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0046E The call `stat(file_name)` failed. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0047E File *file_name* is not a block-device special file.

Explanation: No additional information is available for this message.

HSTCL0048E File *file_name* is a block-device special file. SAN File System requires raw devices, which are character-device special files. A typical raw disk device name is `/dev/rhdisk0`.

Explanation: No additional information is available for this message.

HSTCL0049E File *file_name* is not a device special file.

Explanation: No additional information is available for this message.

HSTCL0050W Ignoring entry *directory_entry* in directory *directory_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0051E Could not open directory *directory_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0052E Could not allocate memory for devnoArray.

Explanation: No additional information is available for this message.

HSTCL0053E Could not allocate memory for deviceNameArray.

Explanation: No additional information is available for this message.

HSTCL0054E Could not allocate memory for editBuffer.

Explanation: No additional information is available for this message.

HSTCL0055E Could not determine the current working directory (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0056E Could not determine the current working directory. The call to `getcwd()` returns error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0057E Could not change the current working directory to *directory_name*. The call to `chdir()` returns the error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0058E Could not find file names matching pattern *file_name_pattern* in directory *directory_name*. The call to `glob()` could not open a directory.

Explanation: No additional information is available for this message.

HSTCL0059E Not enough memory to construct the list of file names that match pattern *file_name_pattern* in directory *directory_name*.

Explanation: No additional information is available for this message.

HSTCL0060E Could not find file names matching pattern *file_name_pattern* in directory *directory_name*. The call to `glob()` returned an unknown return code *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0061E An error occurred while adding a candidate after *candidate_name* was successfully added. (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0062E Could not allocate *number_of_bytes* bytes for a write buffer.

Explanation: No additional information is available for this message.

HSTCL0063E Could not write to the proc file. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0064E Only *actual_number_of_characters* out of the *possible_number_of_characters* characters were written to the proc file.

Explanation: No additional information is available for this message.

HSTCL0065E Cannot open disk candidate proc file (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0066E The value for deviceSet.deviceSetType *device_set_type_value* is not valid.

Explanation: No additional information is available for this message.

HSTCL0067E Could not compute the device number list (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0068I Establishing *candidate_list* candidate SAN File System user data disk devices.

Explanation: No additional information is available for this message.

HSTCL0069E Could not establish disk candidate list. (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0070E OBSOLETE You can specify either the -kmname parameter or the -kmid parameter, but not both on the same command.

Explanation: On a single stfsclient command, you can specify the kernel-extension name or the kernel-extension identifier, but not both.

Action: Run the stfsclient command with either the -kmname or the -kmid parameter.

HSTCL0071E You must identify the file system driver instance you wish to control using the -kmname parameter.

Explanation: You specified the -kmname parameter, but you did not specify the kernel-extension name.

Action: Specify the kernel-extension name for the -kmname parameter.

HSTCL0072E An error occurred from sysconfig(SYS_QUERYLOAD) while trying to find the kernel extension named *kernel_extension_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0073E There is no kernel extension named *kernel_extension_name*.

Explanation: No additional information is available for this message.

HSTCL0074E The system call failed before calling the SAN File System driver.

Explanation: No additional information is available for this message.

HSTCL0075E The system call failed with error number *error_number* (*error_text*). The SAN File System driver created the client successfully.

Explanation: No additional information is available for this message.

HSTCL0076E The SAN File System driver response is *driver_error_text*

Explanation: No additional information is available for this message.

HSTCL0077E The call `sysconfig(SYS_CFGKMOD)` failed with error number *error_number* (*error_text*).
additional_error_text.

Explanation: No additional information is available for this message.

HSTCL0078E The system call failed without calling SAN File System driver.

Explanation: No additional information is available for this message.

HSTCL0079E The system call failed with error number *error_number* (*error_text*). The SAN File System driver destroyed the client successfully.

Explanation: No additional information is available for this message.

HSTCL0080E SAN File System driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTCL0081E The call `sysconfig(SYS_CFGKMOD)` failed with error number *error_number* (*error_text*).
additional_error_text.

Explanation: No additional information is available for this message.

HSTCL0082E Could not determine the SAN File System driver instance. (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0083E Internal error. The network address is not valid.

Explanation: No additional information is available for this message.

HSTCL0084E Could not create a client *client_name* of server on port *port_number* of IP address *IP_address* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0085E Could not create a client named *client_name* for server *server_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0086I Created a client with the client identifier *client_identifier*.

Explanation: No additional information is available for this message.

HSTCL0087E Created a client with the client identifier *client_identifier*. However, the client could not contact the server.

Explanation: No additional information is available for this message.

HSTCL0088E Could not allocate memory for current working directory.

Explanation: No additional information is available for this message.

HSTCL0089E The call to `getcwd()` failed with the error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0090I Starting the SAN File System client.

Explanation: No additional information is available for this message.

HSTCL0091E The command /usr/tank/client/bin/setupstclient -noprompt failed.

Explanation: No additional information is available for this message.

HSTCL0092I Run /usr/tank/client/bin/setupstclient -prompt

Explanation: No additional information is available for this message.

HSTCL0093E The command /usr/tank/client/bin/setupstclient does not exist.

Explanation: No additional information is available for this message.

HSTCL0094I Shutting down SAN File System client.

Explanation: No additional information is available for this message.

HSTCL0095E The command /usr/tank/client/bin/rmstclient -noprompt failed.

Explanation: No additional information is available for this message.

HSTCL0096E The command /usr/tank/client/bin/rmstclient does not exist.

Explanation: No additional information is available for this message.

HSTCL0097I The SAN File System client is running.

Explanation: No additional information is available for this message.

HSTCL0098I The SAN File System client is stopped.

Explanation: No additional information is available for this message.

HSTCL0099I Usage: \$0 {start|stop|status|restart}

Explanation: No additional information is available for this message.

HSTCL0100E Could not allocate memory for client names.

Explanation: No additional information is available for this message.

HSTCL0101E Too many new clients were created.

Explanation: No additional information is available for this message.

HSTCL0102E The converter specified by the -converter parameter is not recognized.

Explanation: No additional information is available for this message.

HSTCL0103E You must specify the name of the International Components for Unicode (ICU) converter function for the client program by using the -converter option. Refer to the Administrator's Guide and Reference.

Explanation: No additional information is available for this message.

HSTCL0104E Address value *pointer_address* is not valid.

Explanation: No additional information is available for this message.

HSTCL0105E An error occurred from `sysconfig(SYS_QUERYLOAD)` while trying to find the kernel extension loaded from file *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTCL0106E No kernel extension is loaded from file *file_name*.

Explanation: No additional information is available for this message.

HSTCO0001E Number *number* is not valid.

Explanation: No additional information is available for this message.

HSTCO0002E Number *integer_number* passed as an argument to parameter *parameter_name* is out of range.

Explanation: No additional information is available for this message.

HSTCO0003E Floating point number *number* is not valid.

Explanation: No additional information is available for this message.

HSTCO0004E Floating point number *number* passed as an argument to parameter *parameter_name* is out of range.

Explanation: No additional information is available for this message.

HSTCO0005E Address value *pointer_address* is not valid.

Explanation: No additional information is available for this message.

HSTCO0006E Shhopt internal error: Value is not valid for the parameter type: *parameter_type*.

Explanation: No additional information is available for this message.

HSTCO0007E Unrecognized parameter *parameter_name*.

Explanation: No additional information is available for this message.

HSTCO0008E Parameter *parameter_name* requires an argument.

Explanation: No additional information is available for this message.

HSTCO0009E Parameter *parameter_name* does not allow an argument.

Explanation: No additional information is available for this message.

HSTCO0010E Unrecognized parameter *-parameter_name*.

Explanation: No additional information is available for this message.

HSTCO0011E Could not allocate space for new-format option table.

Explanation: No additional information is available for this message.

HSTCO0012E **Ambiguous parameter** *-parameter_name*.

Explanation: No additional information is available for this message.

HSTCS0001E *%command:*
Execution halted because the configuration file is not available: *%configuration_file_name*

Explanation: When run in quiet mode a valid configuration file must exist.

Action: Run setupTank in interactive mode to generate a valid configuration file.

HSTCS0002E *%command: Cannot open %file_name: %error_number*

Explanation: A required file was not found.

Action: Reinstall the SAN File System client.

HSTCS0003I **Unrecognized parameter. It was ignored.**

Explanation: An unrecognized parameter was found in the configuration file.

Action: This is an informational message and can safely be ignored. The unrecognized parameter should be removed from the configuration file to prevent this message.

HSTCS0004E **Execution halted because a configuration parameter that was not valid was found while running in quiet mode:** *%parameter*

Explanation: When run in quiet mode, a valid configuration file must exist.

Action: Run in interactive mode to generate a valid configuration file.

HSTCS0005E **Execute the script using %startup_command or %shutdown_command symbolic link.**

Explanation: The client configuration script is not executed directly. It is executed through either the setupstclient or rmstclient symbolic link.

Action: Execute the client configuration script using the setupstclient or rmstclient symbolic link.

HSTCS0006W **Warning. Could not write** *%configuration_file_name*

Explanation: The client configuration tool was not able to write the configuration to a file.

Action: Verify the client/config directory is writable and the configuration tool was run as root.

HSTCS0007E **Could not load SAN File System kernel module**

Explanation: insmod stfs.o failed.

Action: Contact your service representative.

HSTCS0008E **Could not create SAN File System client**

Explanation: stfsclient -create failed.

Action: Contact your service representative.

HSTCS0009E **Could not mount SAN File System**

Explanation: stfsmount failed.

Action: Contact your service representative.

HSTCS0010E Could not unmount SAN File System

Explanation: stfsumount failed.

Action: Contact your service representative.

HSTCS0011E Could not destroy SAN File System client

Explanation: stfsclient -destroy failed.

Action: Contact your service representative.

HSTCS0012E Could not unload SAN File System kernel module

Explanation: stfsdriver -unload failed.

Action: Contact your service representative.

HSTCS0013E Could not load the SAN File System kernel extension

Explanation: stfsdriver -load failed.

Action: Contact your service representative.

HSTCS0014E Could not unload the SAN File System kernel extension

Explanation: stfsdriver -unload failed.

Action: Contact your service representative.

HSTCS0015W *%command:* Cannot open *%configuration_file:* *%error_number*

Explanation: The client configuration tool was not able to open the configuration file.

Action: Verify the client/config directory is writable and the configuration tool was run as root.

**HSTCS0016E The kernel that is currently running is not supported
by SANFS 1.1. This client can only be run on a 32-bit kernel.**

Explanation: SANFS 1.1 only supports the 32-bit AIX kernel.

Action: Boot the system on the 32 bit kernel.

**HSTCS0017E Failed to create directory:
*%mount_point***

Explanation: setupstclient will attempt to create the specified mount point if it does not exist.

Action: Verify the configuration tool was run as root.

**HSTDK0001E You can specify -add, -remove, -query, or -discover, but you must specify only one of these
parameters.**

Explanation: On the stfsdisk command, you can specify only one of these parameters: -add, -remove, -query, or -discover. You specified more than one of these parameters.

Action: Run the stfsdisk command again, specifying only one of the parameters.

**HSTDK0002E For the -add parameter, you can specify a maximum of two parameter values: client name and
disk_specific file name. You specified *number_of_parameter_values*.**

Explanation: The only valid parameter values for the -add parameter are the disk-specific file name and the client name. You specified too many parameters.

Action: Run the stfsdisk command again, specifying only the disk file name and the client name for the -add parameter.

HSTDK0003E At a minimum, you must specify the disk-specific file name as a value with the -add parameter.

Explanation: You specified the -add parameter with no parameter values. For the -add parameter, you must specify at a minimum the disk-specific file name.

Action: Run the stfsdisk command again, specifying the disk-specific file name for the -add parameter.

HSTDK0004E For the -remove parameter, you can specify a maximum of two parameter values: client name and disk-specific file name. You specified *number_of_parameter_values*.

Explanation: The only valid parameter values for the -remove parameter are the disk-specific file name and the client name. You specified too many parameters.

Action: Run the stfsdisk command again, specifying only the disk-specific file name and the client name for the -add parameter.

HSTDK0005E At a minimum, you must specify the disk-specific file name as a value for the -remove parameter.

Explanation: You specified the -remove parameter with no parameter values. For the -add parameter, you must specify at a minimum the disk-specific file name.

Action: Run the stfsdisk command again, specifying the disk-specific file name for the -remove parameter.

HSTDK0006E You can specify either the -mountpoint or the -vfsnumber parameter, but not both on the same command.

Explanation: For the stfsdisk command, you must specify either the -mountpoint parameter or the -vfsnumber parameter. However, you cannot specify both on the same command.

Action: Run the stfsdisk command again, specifying either the -mountpoint or the -vfsnumber parameter.

HSTDK0007E If you specify either the -mountpoint or -vfsnumberspec parameter, you cannot specify a mountpoint as an argument.

Explanation: If you specify either the -mountpoint parameter or the -vfsnumber parameter, you cannot specify a mountpoint as an argument value on the stfsdisk command.

Action: Run the stfsdisk command again, specifying either the -mountpoint or the -vfsnumber parameter, or specifying a mountpoint as an argument value.

HSTDK0008E To identify the SAN File System virtual client, you must specify the -mountpoint or -vfsnumberspec parameter, or you must specify the mountpoint as an argument.

Explanation: You attempted to run the stfsdisk command without identifying the virtual client. You must specify the -mountpoint parameter or the -vfsnumber parameter, or you must specify the mountpoint as an argument value.

Action: Run the stfsdisk command again, specifying either the -mountpoint or the -vfsnumber parameter, or specifying a mountpoint as an argument value.

HSTDK0009E You can specify a maximum of one argument. You specified *number_of_arguments*.

Explanation: No additional information is available for this message.

HSTDK0010E Could not allocate memory for the results of the call to mntctl().

Explanation: No additional information is available for this message.

HSTDK0011E Could not query the current mounts. The call to `mntctl()` returns error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0012E There are too many current mounts to list.

Explanation: No additional information is available for this message.

HSTDK0013E Cannot find a virtual file system mounted over *mount_point* among the *mount_number* current mounts.

Explanation: No additional information is available for this message.

HSTDK0014E The call to `fsctl()` returns error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0015E Cannot find the file system image (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0016E Could not start the disk configuration on the file system image with *vfsnumber* *vfs_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0017I Started disk configuration on the file system image with *vfsnumber* *vfs_number*.

Explanation: No additional information is available for this message.

HSTDK0018E For the `-query` parameter, you can only specify one value: client name. You specified *parameter_values*.

Explanation: No additional information is available for this message.

HSTDK0019E For the `-discover` parameter, you can only specify one value: client name. You specified *parameter_values*.

Explanation: No additional information is available for this message.

HSTDK0020E You must specify the `-add`, `-remove`, `-query`, or `-discover` parameter.

Explanation: No additional information is available for this message.

HSTDK0021I No disk candidates exist.

Explanation: No additional information is available for this message.

HSTDK0022I There are *number_of_candidates* more candidates.

Explanation: No additional information is available for this message.

HSTDK0023E Could not add disk candidate *disk_candidate_name* to client *client_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0024E Could not remove disk candidate *disk_candidate_name* from client *client_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0025E Could not query disk candidate list of client *client_name* (*error_text*).

Explanation: No additional information is available for this message.

HSTDK0026E Could not discover disks on client *client_name*. (*error_text*).

Explanation: No additional information is available for this message.

HSTDR0001E You can specify **-load**, **-unload**, or **-query**, but you can only specify one of these parameters on the same command.

Explanation: No additional information is available for this message.

HSTDR0002E OBSOLETE The **-kmid** parameter is not valid for a **-load** parameter.

Explanation: No additional information is available for this message.

HSTDR0003E You can specify the **-fstypename** parameter or the **-fstypenum** parameter, but not both on the same command.

Explanation: No additional information is available for this message.

HSTDR0004E For the load command, you must specify the file specification of the file system driver file you want to load.

Explanation: No additional information is available for this message.

HSTDR0005E For the **-load** parameter, you can only specify one value: file specification. You specified *number_of_parameter_values*.

Explanation: No additional information is available for this message.

HSTDR0006E The **-fstypenum** parameter is not valid for the **-unload** parameter.

Explanation: No additional information is available for this message.

HSTDR0007E The **-fstypename** parameter is not valid for the **-unload** parameter.

Explanation: No additional information is available for this message.

HSTDR0008E OBSOLETE For the **-unload** parameter, you can specify either the **-kmid** parameter or an object file, but not both on the same command.

Explanation: No additional information is available for this message.

HSTDR0009E You must specify the **-kmname** parameter which is the object file name as a parameter to identify the kernel extension you want to unload.

Explanation: No additional information is available for this message.

HSTDR0010E For the **-unload** parameter, you can only specify one value: file specification. You specified *number_of_parameters*.

Explanation: No additional information is available for this message.

HSTDR0011E The **-debugInit** parameter is not valid for the **-unload** parameter.

Explanation: No additional information is available for this message.

HSTDR0012E The **-tracefile** parameter is not valid for the **-unload** parameter.

Explanation: No additional information is available for this message.

HSTDR0013E The **-fstypenum** parameter is not valid for the **-query** parameter.

Explanation: No additional information is available for this message.

HSTDR0014E The **-fstypename** parameter is not valid for the **-query** parameter.

Explanation: No additional information is available for this message.

HSTDR0015E **OBSOLETE** The **-kmid** parameter is not valid for the **-query** parameter.

Explanation: No additional information is available for this message.

HSTDR0016E For the **-query** parameter, you must specify the file specification of the object file from which the kernel extension was loaded.

Explanation: No additional information is available for this message.

HSTDR0017E For the **-query** parameter, you can specify only one value: file specification. You specified *number_of_parameters*.

Explanation: No additional information is available for this message.

HSTDR0018E The **-debugInit** parameter is not valid for the **-query** parameter.

Explanation: No additional information is available for this message.

HSTDR0019E The **-tracefile** parameter is not valid for the **-query** parameter.

Explanation: No additional information is available for this message.

HSTDR0020E The **-synctrace** parameter is not meaningful unless you also specify the **-tracefile** parameter.

Explanation: No additional information is available for this message.

HSTDR0021E Could not find Virtual File System entry for file-system type name *file_system_type_name* in */etc/vfs*.

Explanation: No additional information is available for this message.

HSTDR0022E **OBSOLETE** An error occurred from `sysconfig(SYS_QUERYLOAD)` trying to find the kernel extension loaded from file *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDR0023E There is no kernel extension loaded from file *file_name*.

Explanation: No additional information is available for this message.

HSTDR0024E The SAN File System driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTDR0025E Could not configure kernel extension (initialize file system driver). The error number returned by `sysconfig(SYS_CFGKMOD)` is *error_number (error_text)*. *additional_error_text*

Explanation: No additional information is available for this message.

HSTDR0026E Unloading kernel extension due to error...

Explanation: No additional information is available for this message.

HSTDR0027E Could not unload kernel extension to clean up failed load.
The error number returned by `sysconfig(SYS_KULOAD)` of `-kmid` is *error_number (error_text)*.

Explanation: No additional information is available for this message.

HSTDR0028E Could not load kernel extension. The error number returned by `sysconfig(SYS_KLOAD)` is *error_number (error_text)*.

Explanation: No additional information is available for this message.

HSTDR0029I The kernel extension was successfully loaded from file *file_name*
kernel module ID (`kmid`) = *kernel_module_identifier*.

Explanation: No additional information is available for this message.

HSTDR0030I File system driver is initialized and ready to handle file-system type *file_system_type*.

Explanation: No additional information is available for this message.

HSTDR0031E Could not unconfigure kernel extension (shut down filesystem driver). The error number of `sysconfig(SYS_CFGKMOD)` is *error_number (error_text)*. The SAN File System driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTDR0032W Continuing even though an error occurred due to `-force` parameter.

Explanation: No additional information is available for this message.

HSTDR0033E SAN File System driver shut down successfully.

Explanation: No additional information is available for this message.

HSTDR0034E Could not unload kernel extension with `kmid` = *kernel_module_identifier*. The error number from `sysconfig(SYS_KULOAD)` is *error_message (error_text)*.

Explanation: No additional information is available for this message.

HSTDR0035I The kernel extension *kernel_extension_name* was unloaded successfully.

Explanation: No additional information is available for this message.

HSTDR0036E An error occurred from sysconfig(SYS_QUERYLOAD) while trying to find the kernel extension loaded from file *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDR0037I No kernel extension is loaded from file *file_name*.

Explanation: No additional information is available for this message.

HSTDR0038I The kernel extension with kernel module ID (*kmid*) *kernel_module_identifier* was most recently loaded from file *file_name*.

Explanation: No additional information is available for this message.

HSTDR0039E Internal error: impossible value for cmdline.operation

Explanation: No additional information is available for this message.

HSTDR0040E Operation failed (*error_text*).

Explanation: No additional information is available for this message.

HSTDR0041E Error from sysconfig(SYS_QUERYLOAD) while checking for a prior instance of the kernel extension loaded from file *file_name*. The error number is *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTDR0042E There is already a kernel extension loaded from file *file_name*.

Explanation: No additional information is available for this message.

HSTIA0001E Warning:Could not add an entry to /etc/vfs.
Restoring previously saved copy of /etc/vfs.

Explanation: The installation of the SAN File System client adds an entry to /etc/vfs to register the SAN File System with the operating system.

Action: Verify the operation was run as root.

HSTIA0002W Warning:Could not add an entry for stfsclient to /etc/inittab.

Explanation: The installation of the SAN File System client adds an entry to /etc/inittab to restart the SAN File System client at boot time.

Action: Verify the operation was run as root.

HSTIA0003W Warning:/usr/tank/client/config/stclient.conf exists
but an attempt to start the SAN File System client failed.
Run /usr/tank/client/bin/setupstclient -prompt.

Explanation: If /usr/tank/client/config/stclient.conf exists when the SAN File System client package is installed, the package will attempt to start the client by running /etc/rc.d/init.d/stfsclient start.

Action: Run /usr/tank/client/bin/setupstclient -prompt to verify the configuration.

HSTIA0004W Could not save a copy of /etc/vfs.
Skipping the removal of the stfs entry from /etc/vfs.

Explanation: Before making changes to /etc/vfs a copy is made. If the copy operation fails no changes are made to /etc/vfs.

Action: Verify the operation was run as root.

HSTIA0005W Warning:Could not remove the stfs entry from /etc/vfs.

Explanation: The deinstall process failed to remove the stfs entry from /etc/vfs.

Action: Verify the operation was run as root.

HSTIA0006E Error:Could not stop client. This package can not be removed while the SAN File System client is running. No changes will be made.

Explanation: The SAN File System client package can not be removed while the SAN File System client is active. The package attempts to stop the SAN File System client by running /etc/rc.d/init.d/stfsclient stop.

Action: Check that the SAN File System is not in use.

HSTIA0007E Error:/usr/tank/client/bin/stfsstatus does not exist.

Explanation: /usr/tank/client/bin/stfsstatus reports the status of the SAN File System client.

Action: Reinstall the SAN File System client.

HSTIA0008E The existing SAN File System client package cannot be upgraded to this version. No changes will be made. To override and upgrade anyway, run:
touch /usr/tank/client/.IGNORE_VERS

Explanation: The installation script first checks to verify that the upgrade path is supported by comparing the INTERFACE value in /usr/tank/client/VERSION with the version being installed. If the difference between these values is greater than 1, the new package will not be able to communicate with the Metadata server. The file /usr/tank/server/.IGNORE_VERS can be created to force the upgrade.

Action: Before upgrading to this level an intermediate upgrade is required. Contact your service representative to determine the supported upgrade path.

HSTMO0001E At a minimum, you must specify the mount point (directory) as a parameter.

Explanation: No additional information is available for this message.

HSTMO0002E There are a maximum of two parameters for this command. You specified *number_of_parameters*.

Explanation: No additional information is available for this message.

HSTMO0003E The call to mount() was interrupted by a SIGINT signal.

Explanation: No additional information is available for this message.

HSTMO0004E Mount point *mount_point_name* or file-system type *file_system_type* does not exist. View /proc/filesystems to determine the existing file systems. See the message help for adding a file-system type. The call to mount() failed with error number ENODEV before calling the SAN File System driver.

Explanation: You attempted to mount a file system, but either the mount point or the file-system type does not exist. View /proc/filesystems to determine the existing file systems.

Action: Attempt to mount a different file system or add the file-system type to the list of existing file system types.

To add a file-system type, insert it in /proc/filesystems. For example, in a Linux environment, you could insert the SAN File System driver LKM using the insmod command.

HSTMO0005E The call to `mount()` failed with error number *error_number* (*error_text*) before calling the SAN File System driver.

Explanation: No additional information is available for this message.

HSTMO0006E The call to `mount()` failed with error number *error_number* (*error_text*) even though the SAN File System driver completed the mount successfully.

Explanation: No additional information is available for this message.

HSTMO0007E The call to `mount()` failed due to errors detected by the SAN File System driver. The `mount()` error number is *error_number* (*error_text*) and the SAN File System driver response is: *driver_error_text*.

Explanation: No additional information is available for this message.

HSTMO0008E Interrupted by a SIGINT signal while trying to open lock file *file_name*

Explanation: No additional information is available for this message.

HSTMO0009E Lock file *file_name* already exists. Another client currently holds the lock.

Explanation: No additional information is available for this message.

HSTMO0010E The call `open(file_name)` failed with error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0011E Could not open `/etc/mtab` to add an entry to it. Interrupted by a SIGINT signal.

Explanation: No additional information is available for this message.

HSTMO0012E Could not open `/etc/mtab` to add an entry to it. The call to `fopen()` returned error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0013E Could not mount SAN File System client *client_name* of file-system type *file_system_type* over directory *directory_name* in *access_mode* mode. The call to `mount()` failed with the error: *error_text*.

Explanation: No additional information is available for this message.

HSTMO0014E Could not add entry to `/etc/mtab`. The call to open the `mtab` file failed: (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0015I Mounted SAN File System client *client_name* of file-system type *file_system_type* over directory *directory_name* in *access_mode* mode.

Explanation: No additional information is available for this message.

HSTMO0016E Could not open the list of stdin devices *file_name*. The call to `fopen()` failed with error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0017E A line of *stdin_line* has an unexpected format: *line_format*. The format must be two numbers and a string.

Explanation: No additional information is available for this message.

HSTMO0018E There are no unused *stdin* devices for the *file_system_type* file-system type.

Explanation: No additional information is available for this message.

HSTMO0019E The search for unused *stdin* device number failed. The reason for the failure is: *error_text*.

Explanation: No additional information is available for this message.

HSTMO0020E Could not create the device special file *file_name*. The call to *mknod()* failed with error number *error_number* (*error_text*)

Explanation: No additional information is available for this message.

HSTMO0021E Could not acquire lock for updating */etc/mtab*. The error number is *error_text*. Specify the *-nomtab* parameter.

Explanation: When you attempt to mount a file system, a record of that mount is included in */etc/mtab*. However, the system could not obtain a lock on */etc/mtab* and therefore, cannot update the file, causing the mount to fail.

Action: Attempt to mount the file system again. This time, use the *-nomtab* parameter to specify that the mount is not to be recorded in */etc/mtab*.

HSTMO0022E Could not acquire lock for allocating a SAN File System *stdin* block device. *lock_error_text*. Specify the *-standindevice* parameter.

Explanation: When you attempt to mount a file system and you do not specify the *-standindevice* parameter, the system attempts to use an unused *stdin* block device. It creates a temporary block-device-specific file for the *stdin* block device and adds the name of that temporary file to the Linux mount table. It creates the file in the directory defined by the *TMPDIR* environment variable, or */tmp* if *TMPDIR* is not defined.

Action: Attempt to mount the file system again. This time, use the *-standindevice* parameter to specify the device-specific file name of the *stdin* block device for the global file system image.

HSTMO0023E Could not create a unique *stdin* block device for the new file system image. *error_text*. Specify the *-standindevice* option.

Explanation: When you attempt to mount a file system and you do not specify the *-standindevice* parameter, the system attempts to use an unused *stdin* block device. It creates a temporary block-device-specific file for the *stdin* block device and adds the name of that temporary file to the Linux mount table. It creates the file in the directory defined by the *TMPDIR* environment variable, or */tmp* if *TMPDIR* is not defined.

Action: Attempt to mount the file system again. This time, use the *-standindevice* parameter to specify the device-specific file name of the *stdin* block device for the global file system image.

HSTMO0024E Internal Error. The call *format_text()* failed in the call *fatal()*.

Explanation: No additional information is available for this message.

HSTMO0025E Specify either the *-fstypename* parameter or the *-fstypenum* parameter, but not both on the same command.

Explanation: When you attempt to mount a file system, you can specify either the name of the file-system type to use for the file-system-driver instance (*-fstypename*) or the number that identifies the file-system type for the file-system-driver instance (*-fstypenum*). However, you cannot specify both parameters.

Action: Attempt to mount the file system again. This time, specify either *-fstypename* or *-fstypenum*, but do not specify both parameters.

HSTMO0026E At a minimum, specify the mount point as a parameter.

Explanation: When you attempt to mount a file system, you must specify the mount point that you want to mount.

Action: Attempt to mount the file system again. This time, specify either `-fstypename` or `-fstypenum`, but do not specify both parameters.

HSTMO0027E Could not find a virtual file system entry for file-system type *file_system_type* in */etc/vfs*.

Explanation: No additional information is available for this message.

HSTMO0028E Mount point *mount_point* or file-system type *file_system_type* does not exist. The call to `mount()` failed with error number `ENODEV` before calling the SAN File System driver.

Explanation: You attempted to mount a file system, but either the mount point or the file-system type you specified does not exist.

Action: Attempt to mount a file system again, specifying a mount point and a file-system type that exists. Alternatively, you can add a file-system type to your system. To add a file-system type, load the SAN File System driver kernel extension using the `stfsdriver` command.

HSTMO0029E The call to `vmount()` failed with a parameter not valid error (error number `EINVAL`) before calling the SAN File System driver or before the driver identified the message buffer in the mount parameters.

Explanation: You attempted to mount a file system, but one or more parameters are not valid.

Action: Attempt to mount a file system again, ensuring that the parameters you specify are valid.

HSTMO0030E The call to `vmount()` failed with error number *error_number* (*error_text*) before calling the SAN File System driver.

Explanation: No additional information is available for this message.

HSTMO0031E The call to `vmount()` failed with error number *error_number* (*error_text*). The SAN File System driver completed the mount successfully.

Explanation: No additional information is available for this message.

HSTMO0032E The call to `mount()` failed due to errors detected by the SAN File System driver. The `vmount()` error number is *error_number* (*error_text*) and the SAN File System driver response is: *driver_error_text*

Explanation: No additional information is available for this message.

HSTMO0033E Could not allocate *allocation_size* bytes for the `vmount` structure.

Explanation: No additional information is available for this message.

HSTMO0034E Internal error. There is a mismatch in the `vmount` structure size calculation.

Explanation: No additional information is available for this message.

HSTMO0035E The file-system type is unknown (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0036E Could not mount SAN File System over directory *directory_name* from the SAN File System virtual client *virtual_client_name* as a file system of type *file_system_type* in *access_mode* mode (*error_text*).

Explanation: No additional information is available for this message.

HSTMO0037I Mounted SAN File System over directory *directory_name* from the SAN File System virtual client *virtual_client_name* as a file system of type *file-system_type* in *access_mode* mode. The vfsnumber for the file system image is *virtual_file_system_number*.

Explanation: No additional information is available for this message.

HSTMO0038E Internal error. The call to `format_text()` failed in `main()`.

Explanation: No additional information is available for this message.

HSTMO0039E The call to `statfs()` failed with the error number *error_number* (*error_text*) after successful mount. The reported vfsnumber may not be correct.

Explanation: No additional information is available for this message.

HSTST0001E OBSOLETE You can specify the `-kmname` parameter or the `-kmid` parameter, but not both on the same command.

Explanation: For the `stfsstatus` command, you can specify either the kernel-extension name (`-kmname` parameter) or the kernel-extension identifier (`-kmid` parameter), but not both.

Action: Run the `stfsstatus` command again, specifying either the kernel-extension name or the kernel-extension identifier as a parameter.

HSTST0002E You must identify the filesystem driver using the `-kmname` parameter.

Explanation: For the `stfsstatus` command, you must specify the kernel-extension name (`-kmname` parameter) .

Action: Run the `stfsstatus` command again, specifying the kernel-extension name as a parameter.

HSTST0003E Program does not take any arguments. You specified *number_of_arguments*

Explanation: No additional information is available for this message.

HSTST0004E OBSOLETE An error occurred from `sysconfig(SYS_QUERYLOAD)` trying to find the kernel extension named *kernel_extension_identifier*. The error number is *error_number* (*error_text*)

Explanation: No additional information is available for this message.

HSTST0005E OBSOLETE There is no kernel extension named *kernel_extension_name*.

Explanation: No additional information is available for this message.

HSTST0006E System call failed without calling the SAN File System driver.

Explanation: No additional information is available for this message.

HSTST0007E SAN File System driver response is *driver_error_text*.

Explanation: No additional information is available for this message.

HSTST0008E The command `sysconfig(SYS_CFGKMOD)` fails with error number *error_number* (*error_text*).
additonal_error_text.

Explanation: No additional information is available for this message.

HSTST0009E Could not determine the SAN File System driver instance (*error_text*).

Explanation: No additional information is available for this message.

HSTST0010E Could not obtain file system driver status on *kmid=kernel_extension_identifier* (*error_text*).

Explanation: No additional information is available for this message.

HSTST0011E SAN File System version: *version_number*.

Explanation: No additional information is available for this message.

HSTUM0001E To identify what you want to unmount, you must specify the **-mountpoint** or **-vfsnumberspec** parameter, or you must specify the mountpoint as an argument.

Explanation: No additional information is available for this message.

HSTUM0002E You can specify only one parameter. You specified *number_of_parameters*.

Explanation: No additional information is available for this message.

HSTUM0003E The call to **uvmount()** returns error number *error_number* (*error_text*).

Explanation: No additional information is available for this message.

HSTUM0004E Cannot determine what needs to be unmounted (*error_text*).

Explanation: No additional information is available for this message.

HSTUM0005E Could not unmount file system image with **vfsnumber** *vfs_number* (*error_text*.)

Explanation: No additional information is available for this message.

HSTUM0006W Forcefully unmounted the file system image with **vfsnumber** *vfs_number*.

Explanation: No additional information is available for this message.

HSTUM0007I Unmounted the file system image with **vfsnumber** *vfs_number*

Explanation: No additional information is available for this message.

Chapter 3. Windows client messages

This section provides the messages that can be generated by Windows SAN File System clients.

HSTCW0001I SAN File System client started successfully.

Explanation: The SAN File System client started successfully.

Action: No action is required.

HSTCW0002I SAN File System shut down successfully.

Explanation: The SAN File System client shut down successfully.

Action: No action is required.

HSTCW0003E Could not open Registry value *registry_value*.

Explanation: This client was not able to open the Registry value *registry_value*.

Action: Perform these actions to resolve the problem

1. Use the Registry editor to make sure the Registry value exists.
 2. Make sure that your user name has permission to read the Registry key in which the registry value is located. You can right-click on the Registry key from the Registry editor to determine the permissions for the key.
 3. Contact your support representative.
-

HSTCW0004W Network type *network_type* specified in Registry is not valid.

Explanation: The network type for the SAN File System client must be either TCP or UDP. The network type currently defined in the Registry is not one of these values.

Action: Perform these actions to resolve the problem

1. Edit the Registry key HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Service\STFS\Parameters using the Registry editor.
 2. Change the value of the network type to be either TCP or UDP.
 3. Shut down and restart the client.
-

HSTCW0005I Network type is *network_type*.

Explanation: The current network type for this client is the value specified by *network_type*. This value is specified during the installation of the SAN File System client

Action: No action is required.

HSTCW0008I SAN File System client connected to Metadata server at IP address *ip_address*.

Explanation: This client is currently connected to the Metadata server located at the listed IP address.

Action: No action is required.

HSTCW0009E The SAN File System client is not able to connect to the Metadata server at the listed IP address.

Explanation: This client cannot connect to the Metadata server located at the listed IP address.

Action: Perform these actions to resolve the problem

1. Make sure that the IP address is a valid address for a Metadata server in the SAN File System cluster.
2. Make sure that the IP port is a valid port number for the Metadata server in the SAN File System cluster.

3. Use the SAN File System console or the Administrative command-line interface to verify that the Metadata server is active.
4. Wait a few minutes to see if you are having a temporary network problem.
5. Contact your support representative.

HSTCW0011I Volume refresh succeeded.

Explanation: The refresh of the SAN File System root volume completed successfully.

Action: No action is required.

HSTCW0012E Volume refresh failed. Next attempt will be in *number* seconds

Explanation: The refresh of the SAN File System root volume failed. The client will attempt this refresh again in *number* seconds. This failure usually means that there is a problem with the Metadata server.

Action: Perform these actions to resolve the problem

1. Make sure that the IP address is a valid address for the Metadata server in the SAN File System cluster.
2. Make sure that the IP port is a valid port number for the Metadata server in the SAN File System cluster.
3. Use the SAN File System console or the Administrative command-line interface to verify that the Metadata server is active.
4. Wait a few minutes to see if you continue having the problem.
5. Contact your support representative.

HSTCW0013E Volume refresh failed. Will attempt every *number* seconds.

Explanation: The refresh of the SAN File System root volume failed. The client will attempt this refresh every *number* seconds. If you see this message, the client has attempted the volume refresh at least 5 times.

Action: Perform these actions to resolve the problem

1. Make sure that the IP address is a valid address for the Metadata server in the SAN File System cluster.
2. Make sure that the IP port is a valid port number for the Metadata server in the SAN File System cluster.
3. Use the SAN File System console or the Administrative command-line interface to verify that the Metadata server is active.
4. Contact your support representative.

HSTCW0014E Error opening device *device_name*. This device will not be used for SAN File System.

Explanation: The SAN File System cannot open the listed storage device. This message indicates that there may be a problem in the configuration of the listed storage device.

Action: Make sure the storage device is configured properly. If the problem continues, contact your service representative.

HSTCW0015E Read operation failed with status *return_code* due to bad host bus adapter while transferring *number* bytes from device *device_name*.

Explanation: The SAN File System cannot read data from the listed storage device.

Action: Perform these actions to resolve the problem

1. Wait a few minutes and attempt the operation again.
2. Verify that the host bus adapter on the listed storage device is operating properly.
3. Contact your support representative.

HSTCW0016E Write operation failed with status *return_code* due to bad host bus adapter while transferring *number* bytes from device *device_name*.

Explanation: The SAN File System cannot write data to the listed storage device.

Action: Contact your support representative.

HSTCW0017E Read operation failed with status *return_code* while transferring *number* bytes from device *device_name*.

Explanation: The SAN File System cannot read data from the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).
 2. Contact your support representative.
-

HSTCW0018E Write operation failed with status *return_code* while transferring *number* bytes from device *device_name*.

Explanation: The SAN File System cannot write data to the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).
 2. Contact your support representative.
-

HSTCW0019E Disk operation failed with status *return_code* while reading *number* bytes from device *device_name*.

Explanation: The SAN File System cannot read data from the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).
 2. Contact your support representative.
-

HSTCW0020E Disk operation failed with status *return_code* while writing *number* bytes to device *device_name*.

Explanation: The SAN File System cannot write data to the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).
 2. Contact your support representative.
-

HSTCW0021E Disk error with status *return_code* occurred while reading *number* bytes from device *device_name*.

Explanation: The SAN File System cannot read data from the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).
 2. Contact your support representative.
-

HSTCW0022E Disk error failed with status *return_code* while writing *number* bytes to device *device_name*.

Explanation: The SAN File System cannot write data to the listed storage device.

Action: Perform these actions to resolve the problem

1. See your operating system documentation to determine the resolution for the listed system error message (*return_code*).

2. Contact your support representative.

HSTCW0024W No client name specified. Will use *default_client_name*.

Explanation: The client setup utility was not able to find a client name, so it is using a default. This message can occur if you did not specify a client name during setup or the Registry has been corrupted.

Action: Perform these actions to resolve the problem

1. Run the client setup utility again, specifying the Modify option.
2. Make sure that you specify a valid client name.
3. After setup is complete, reboot the client.

HSTCW0025W Policy for critical error handling *policy_name* specified in Registry is not valid.

Explanation: The policy for handling critical errors is specified during setup and the default is Log. This message can occur if there is a failure during setup or the Registry has been corrupted.

Action: Perform these actions to resolve the problem

1. Run the client setup utility again, specifying the Modify option.
2. Make sure that you specify a valid critical error handling policy or take the default.
3. After setup is complete, reboot the client.

HSTCW0026I Policy for critical error handling is *policy_name*.

Explanation: The policy for handling critical errors specified during setup is *policy_name*.

Action: No action is required.

HSTCW0027I Client State Manager notice: *return_code*.

Explanation: An internal error occurred in the Client State Manager.

Action: Contact your service representative.

HSTCW0028W Client State Manager warning: *return_code*.

Explanation: An internal error occurred in the Client State Manager.

Action: Contact your service representative.

HSTCW0029E Client State Manager error: *return_code*.

Explanation: An internal error occurred in the Client State Manager.

Action: Contact your service representative.

HSTCW0030E Client State Manager critical error: *return_code*.

Explanation: An internal error occurred in the Client State Manager.

Action: Contact your service representative.

HSTCW0031I File system frozen because of previous error.

Explanation: The SAN File System is frozen because of a previous error.

Action: Perform these actions to resolve the problem

1. Check the logs using the Event Viewer to view information about previous errors and attempt to resolve those errors.
2. Contact your service representative.

HSTCW0032I Client system halted because of previous error.

Explanation: The SAN File System halted because of a previous error.

Action: Perform these actions to resolve the problem

1. Check the logs using the Event Viewer to view information about previous errors and attempt to resolve those errors.
2. Contact your service representative.

HSTCW0033E File is not valid (cluster = *cluster_name*, container = *container_name*, object = *object_name*, epoch = *epoch_name*).

Explanation: An internal error occurred.

Action: Contact your service representative.

HSTCW0034E Directory is not valid (cluster = *cluster_name*, container = *container_name*, object = *object_name*, epoch = *epoch_name*).

Explanation: An internal error occurred.

Action: Contact your service representative.

HSTCW0035E Symbolic link is not valid (cluster = *cluster_name*, container = *container_name*, object = *object_name*, epoch = *epoch_name*).

Explanation: An internal error occurred.

Action: Contact your service representative.

HSTCW0036E Object type is not expected (cluster = *cluster_name*, container = *container_name*, object = *object_name*, epoch = *epoch_name*).

Explanation: An internal error occurred.

Action: Contact your service representative.

HSTCW0037W SAN File System client disk scan found no data disks.

Explanation: The client periodically scans for data disks. A disk scan by the client found no data disks. This message can occur for the following reasons

- No data LUNs (volumes) have been added to the cluster. At least one data LUN must be present for the SAN File System to operate correctly.
- The client cannot see the LUNs in use by the cluster. This could indicate a configuration problem in the SAN.

Action: Make sure that data LUNs have been added to the cluster. If so, contact your service representative.

HSTCW0038E SAN File System client disk scan failed.

Explanation: The client periodically scans for data disks. A disk scan by the client failed.

Action: Contact your service representative.

HSTCW0039I SAN File System client disconnected from Metadata server at IP address *ip_address*.

Explanation: The SAN File System client has disconnected. This message indicates that the Metadata server is not active, which could be intentional or it could be the result of a network problem, a Metadata server failure.

Action: Verify that the Metadata server is supposed to be active. If so, contact your service representative.

HSTCW0040W Internal warning in the SAN File System client at line *line_number* of file *file_name*.

Explanation: The SAN File System client encountered an internal problem in the specified file of the specified file.

Action: Continue using the SAN File System, but contact your service representative.

HSTCW0041E Internal error in the SAN File System client at line *line_number* of file *file_name*.

Explanation: The SAN File System client encountered an internal critical error in the specified file of the specified file. Based on the configuration set in the Registry, the client may:

- Continue running.
- Freeze the file system, but continue running.
- Automatically restart.

Action: Contact your service representative.

Chapter 4. Metadata server messages

The following messages can be generated by Metadata server components.

HSTFC0001E Foundation Class Library: Available memory exceeded on request to allocate *size* bytes. Trace point *source_file_name-trace_point*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTFC0002E fcThread: Error *return_code* occurred while starting thread.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTFC0003E fcThread: Error *return_code* occurred while setting per-thread anchor.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTFC0004E fcThread: Error *return_code* occurred while creating thread key.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTFC0005E fcTimer: gettimer subroutine error.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTFC0006E fcDaemon: Fatal error *error_code* occurred.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGM0001E Global Memory Manager: Could not create global memory manager instance.

Explanation: The SAN File System was unable to allocate sufficient memory to create an instance of the Global Memory Manager.

Action: Determine the cause of insufficient memory and restart the engine.

HSTGM0002E Global Memory Manager: Deallocated memory block with signature that was not valid.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGM0003E Global Memory Manager: Deallocated memory block with arena number that was not valid.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGM0004E Global Memory Manager: Block count is negative for arena *arena_number*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGM0005E Global Memory Manager: Byte count is negative for arena *arena_number*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGM0006E Global Memory Manager operator new: Available memory exceeded at trace point *source_file_name-trace_point* on request to allocate *size* bytes.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0001E ERROR: Cannot set TANKDIR.

Explanation: The SAN File System could not set the TANKDIR environment variable using setenv(). This problem can occur if there is not enough space in the environment.

Action: Perform these actions to resolve the problem:

1. Reduce the size of the environment. See the shell commands unset() and unsetenv().
 2. Restart the Metadata server.
-

HSTNL0002E Error: The value specified for the TANKDIR environment variable (*TANKDIR_value*) exceeds the maximum length (*maximum_length*).

Explanation: The value specified for the TANKDIR environment variable exceeds the allowed maximum length of *maximum_length*.

Action: Check the value of TANKDIR to see if the length can be reduced to a length less than the maximum length. You may need to reinstall the SAN File System in a different directory.

HSTNL0003E Error: Could not initialize the logging and tracing facility. The error return code is *return_code*.

Explanation: IBM SAN File System logging and tracing facility could not be initialized. The error return code of the failed initializing routine is provided.

Action: Check the error return code to determine the cause of failure. Then, contact your service representative and provide the full text of the error message including the error return code.

HSTNL0004E Error: Could not initialize the Logical Volume Manager.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0005E Error: Could not configure Global Disk I/O Manager devices.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0006E Error: Could not start Group Services. The return code is *rc=return_code*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0007E Error: Could not initialize to microkernel mode.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0008E Error: Could not reset the static cluster definition.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0009E The static cluster definition has been reset.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0010E Error: Could not read Tank.Bootstrap. Metadata server is not commissioned.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0011E Device *device_name* does not contain a valid product label.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0012E Error: Cannot read device *device_name*, make sure the path is accurate and that permissions have been set correctly.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0013E Error: Device *device_name*, is not a master disk.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0014E Error: Could not extract Tank.Bootstrap from device *device_name*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0015E Label information from master disk *device_name* was extracted and stored in Tank.Bootstrap.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0016E Could not initialize the SAN File System server.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0017E The disk value is missing on the `-device` parameter.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0018E Unable to reset cluster when server is running.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0019E Unable to extract boot record when server is running.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0020E Unable to reset version information when server is running.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTNL0021E Error: Could not initialize the logging and tracing facility because the log files are in use by another process. Make sure that the server is not already running.

Explanation: This error can occur if you try to start the SAN FS server twice on the same machine.

Action: Verify that the SAN FS server is not already running and kill the existing process if it is before reexecuting the server start command.

HSTNL0022E Error: Unable to initialize the emergency dump target file, *dumpfile_name*.

Explanation: This error can occur if the dump file could not be created because one already exists and is open or cannot be deleted. Lack of disk space can also cause this problem to occur.

Action: If an existing dump file exists, delete it. Also make sure that there is sufficient space in the SANFS log directory to create new files.

HSTIC0001E Failed to create a symbolic link from `/usr/tank/codeset` to `/usr/tank/server/codeset`.

Explanation: The `/usr/tank/codeset` symbolic link needs to be set for language support. If the link does not exist, messages will not be displayed correctly.

Action: Verify `/usr/tank` has write permission.

HSTIC0002E Failed to remove the `/usr/tank/codeset` symbolic link.

Explanation: The `/usr/tank/codeset` symbolic link is removed by the rpm scripts. Removal of this link is part of the cleanup operation. Its failure should not cause any harm.

Action: Verify `/usr/tank` has write permission.

HSTIC0003E Failed to recreate the `/usr/tank/codeset` symbolic link.

Explanation: Both the client and the server use the `/usr/tank/codeset` symbolic link. If the server is removed and the client is also installed on the system; the `/usr/tank/codeset` symbolic link needs to be set to `/usr/tank/client/codeset`.

Action: Verify `/usr/tank` has write permission.

HSTIL0001E The existing Metadata server cannot be upgraded to this version. No changes will be made.
To override and upgrade anyway, run:
touch /usr/tank/server/.IGNORE_VERS

Explanation: The installation script first checks to see if the upgrade path is supported by comparing the INTERFACE value in /usr/tank/server/VERSION with the version being installed. If the difference between these values is greater than 1, the new package will not be able to communicate with other Metadata servers in the cluster. This is important during a non-disruptive upgrade. You can create the file /usr/tank/server/.IGNORE_VERS to force the upgrade.

Action: Before upgrading to this level an intermediate upgrade is required. Contact your service representative to determine the supported upgrade path.

HSTIL0002E This package cannot be upgraded while the Metadata server is running. No changes will be made.

Explanation: The Metadata server package cannot be upgraded while the Metadata server is running. The server can be stopped using the Administrative command-line interface or the Administrative server. To override and upgrade anyway, run: touch /usr/tank/server/.IGNORE_SERVER_RUNNING

Action: Stop the server.

HSTIL0003E This package cannot be removed while the Metadata server is running. No changes will be made.

Explanation: The Metadata server package cannot be removed while the Metadata server is running. The server can be stopped using the Administrative command-line interface or the Administrative server. To override and deinstall anyway, run: touch /usr/tank/server/.IGNORE_SERVER_RUNNING

Action: Stop the server.

HSTIL0004E Error:/usr/tank/server/VERSION does not exist.

Explanation: The installation script first checks to see if the upgrade path is supported by comparing the INTERFACE value in /usr/tank/admin/VERSION with the version being installed. You can create the file /usr/tank/server/.IGNORE_VERS to force the upgrade.

Action: Reinstall the Metadata server.

HSTUC0001E Could not copy log file name *log_filename* because it exceeds the maximum length of *FILENAME_MAX*.

Explanation: Log file names cannot be longer than the length specified by FILENAME_MAX.

Action: Specify a shorter log file name.

HSTUC0002E Error opening log file *log_file_name*: *error_string*.
The error number is *error_number*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTUC0003E Error re-opening log file *log_file_name*: *error_string*.
The error number is *error_number*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTUC0004E Error copying stdout and stderr to log file *log_file_name*: *error_string*.
The error number returned from dup2() is *error_number*.

Explanation: No additional information is available for this message.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTSS0001E *%command*:
Execution halted because the configuration file is not
available: *%configuration_file_name*

Explanation: When run in quiet mode, a valid configuration file must exist.

Action: Run setupTank in interactive mode to generate a valid configuration file.

HSTSS0002E *%truststore_file_name*: does not exist.
Make sure that a truststore file has been created.

Explanation: The truststore file must exist prior to starting the Administrative agent.

Action: Generate a valid truststore file and copy it to /usr/tank/admin

HSTSS0003E *%command*: Cannot open *%file_name*: *%error_number*

Explanation: A required file was not found.

Action: Reinstall the Administrative server.

HSTSS0004E Execution halted because of a configuration
parameter that was not valid was found while running in quiet
mode: *%parameter*

Explanation: When run in quiet mode, a valid configuration file must exist.

Action: Run setupTank in interactive mode to generate a valid configuration file.

HSTSS0005E Execute the script using *%startup_command* or *%shutdown_command* symbolic link.

Explanation: The server configuration script is not executed directly. It is executed through either the setupTank or stopTank symbolic link.

Action: Execute the server configuration script using the setupTank or stopTank symbolic link.

HSTSS0006W Warning: Could not write *%configuration_file_name*

Explanation: The server configuration tool was not able to write the configuration to a file.

Action: Verify the admin/config directory is writable and that you were logged in as root to run the configuration tool.

HSTSS0007W *%command*: Cannot open *%file_name*: *%error_number*

Explanation: The server configuration tool could not open the configuration file.

Action: Verify that the admin/config directory is writable and that you were logged in as root to run the configuration tool.

HSTSS0008I Skipping execution of the tank install and tank normal commands.
This node has already been configured.

Explanation: The existence of the Metadata servers Tank.Bootstrap or Tank.Config file indicates that this Metadata server has already been configured.

Action: Start and stop this Metadata server using the SAN File System Administration Console or CLI. To

reconfigure the Metadata server, remove the Tank.Config and Tank.Bootstrap files.

HSTSS0009E The Metadata server rpm is not installed.

Explanation: The Metadata server rpm must be installed before attempting to configure a Metadata server.

Action: Install the Metadata server rpm.

**HSTSS0010W /opt/was or /opt/eclipse not found.
Skipping SAN File System console startup.**

Explanation: The SAN File System console requires that Eclipse and WebSphere Application Server be installed. If either Eclipse or WebSphere Application Server is not found, startup of the SAN File System console is skipped.

Action: Install Eclipse and WebSphere Application Server.

**HSTSS0011W /opt/was or /opt/eclipse not found.
Skipping SAN File System console shutdown.**

Explanation: If either Eclipse or WebSphere Application Server is not installed, the SAN File System console is not running and cannot be shutdown.

Action: No action is needed.

**HSTSS0012E Could not add an inittab entry for
/etc/rc.d/init.d/sanfs.**

Explanation: There are required operations that must be performed to properly configure the Metadata server software each time the system boots. These operations are executed by the /etc/rc.d/init.d/sanfs script, which is intended to be run by init at boot time. An attempt to add an entry to /etc/inittab has failed.

Action: Make sure you are running as root. Otherwise, contact your service representative.

**HSTSS0013I %truststore_file_name already exists
and will not be recreated.**

Explanation: If the truststore file exists, it is not recreated. The truststore file is created on the master Metadata server engine and must be copied to all subordinate Metadata servers in the cluster.

Action: Removing the existing truststore file will allow a new one to be created.

**HSTSS0014I The Administrative agent is already running.
Skipping Administrative agent startup.**

Explanation: If the Administrative agent is running it is not restarted. The existence of /usr/tank/admin/temp/cimom.pid indicates that the Administrative agent is already running.

Action: You can stop the Administrative agent using the stopCimom command.

**HSTSS0015I The SAN File System console is already running.
Skipping SAN File System Console startup.**

Explanation: If the SAN File System Administration Console is running it is not restarted. The existence of /opt/was/logs/server1/server1.pid indicates that the SAN File System Administration Console is already running.

Action: Use the stopConsole command to stop the SAN File System Administration Console.

HSTSS0016I %command failed.

Explanation: The tankpasswd command generates a file named .tank.passwd. This file contains the user name and password used to access the Administration CLI. It should be copied to the home directory of the user who will use the Administration CLI.

Action: Contact your service representative.

HSTSS0017E *%tank_passwd_file_name*: **does not exist**.

Explanation: The tankpasswd command is used to generate .tank.passwd if CLI_USER and CLI_PASSWD are defined in the tank.properties file. .tank.passwd is then copied to \$HOME. The .tank.passwd file is required by the tanktool command.

Action: Verify that CLI_USER and CLI_PASSWD are defined in tank.properties.

Chapter 5. Metadata server logging facility messages

The following messages can be generated by Metadata server logging and tracing facility.

HSTAD0001E Missing parameter.

Explanation: No additional information is available for this message.

HSTAD0002E Parameter not valid - *parameter*.

Explanation: No additional information is available for this message.

HSTAD0003E Node routing prefix - @1 is not valid.

Explanation: No additional information is available for this message.

HSTAD0004E Storage pool @1 is already defined.

Explanation: No additional information is available for this message.

HSTAD0005E Policy set @1 is already defined.

Explanation: No additional information is available for this message.

HSTAD0006E Policy set @1 is not found.

Explanation: No additional information is available for this message.

HSTAD0007E Policy set @1 is active.

Explanation: No additional information is available for this message.

HSTAD0008E Policy set @1 would contain syntax error(s).

Explanation: No additional information is available for this message.

HSTAD0009E Policy set @1 should contain a rule which exceeds 4K bytes.

Explanation: No additional information is available for this message.

HSTAD0010E Policy set @1 stored.

Explanation: No additional information is available for this message.

HSTAD0011E Policy set @1 activated.

Explanation: No additional information is available for this message.

HSTAD0012E Policy set @1 was deleted.

Explanation: No additional information is available for this message.

HSTAD0013E Bind errors found activating Policy set @1.

Explanation: No additional information is available for this message.

HSTAD0014E Unable to open.

Explanation: No additional information is available for this message.

HSTAD0015I Alert: This is an SNMP test event with a severity of Information

Explanation: No additional information is available for this message.

HSTAD0016W Alert: This is an SNMP test event with a severity of Warning

Explanation: No additional information is available for this message.

HSTAD0017S Alert: This is an SNMP test event with a severity of Severe

Explanation: No additional information is available for this message.

HSTAD0018E Alert: This is an SNMP test event with a severity of Error

Explanation: No additional information is available for this message.

HSTAD0019I User Name: *adm_user_name* **Command Name:** *adm_command_name* **Parameters:**
adm_command_parameters. Command Succeeded.

Explanation: No additional information is available for this message.

HSTAD0020E User Name: *adm_user_name* **Command Name:** *adm_command_name* **Parameters:**
adm_command_parameters. Command returned error. (adm_result_code)

Explanation: No additional information is available for this message.

HSTAD0021I Cmd: *adm_command adm_start_stop adm_command_suite, adm_command_method adm_command_arg
adm_command_arg adm_command_arg adm_command_arg adm_command_arg adm_command_arg
adm_command_arg adm_command_arg*

Explanation: No additional information is available for this message.

HSTAD0022E Unable to open.

Explanation: No additional information is available for this message.

HSTAD0023E Unable to open.

Explanation: No additional information is available for this message.

HSTAD0024E Unable to open.

Explanation: No additional information is available for this message.

HSTAD0025I List files on volume started for *adm_admin_name*

Explanation: No additional information is available for this message.

HSTAD0026I List files on volume finished for *adm_admin_name*

Explanation: No additional information is available for this message.

HSTAD0027I Looking for *adm_keyword*

Explanation: No additional information is available for this message.

HSTAD0028I Show object: *adm_object_id*

Explanation: No additional information is available for this message.

HSTAD0029E Missing argument.

Explanation: No additional information is available for this message.

HSTAD0030E Server not started with **-acct** option

Explanation: No additional information is available for this message.

HSTAD0031E *adm_result_string (adm_result_code)* **TraceError: Thread ID = *adm_thread_id***

Explanation: No additional information is available for this message.

HSTAD0032E *adm_result_string (adm_result_code)*. **Print stack trace follows:**

Explanation: No additional information is available for this message.

HSTAD0033E *adm_buffer*

Explanation: No additional information is available for this message.

HSTAD0034E Error *adm_result_string (adm_result_code)* detected. Thread *thread_id* blocked. Thread can be unblocked with **UNBLOCK THREAD *thread_id***.

Explanation: No additional information is available for this message.

HSTAD0035E Thread *thread_id* unblocked after error *adm_result_string (adm_result_code)* detected.

Explanation: No additional information is available for this message.

HSTAD0036S **CALLHOME: Debug crash: About to *adm_command_name* server. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTAD0037E Error (*adm_result_code*): **Cannot start file system check because it is already running.**

Explanation: No additional information is available for this message.

HSTAD0038S Error (*adm_result_code*): **File system integrity lost.**

Explanation: No additional information is available for this message.

HSTAD0039E Error (*adm_result_code*): **Metadata check run on subordinate.**

Explanation: No additional information is available for this message.

HSTAD0040E Error (*adm_result_code*): Internal error code.

Explanation: No additional information is available for this message.

HSTAD0041E Cannot stop file system check because it is not running.

Explanation: No additional information is available for this message.

HSTAD0043E Corrupt command is disabled

Explanation: No additional information is available for this message.

HSTBT0001E Unregistered index type - *bt_index_type*

Explanation: No additional information is available for this message.

HSTBT0002S B-tree root header root page is incorrect

Explanation: No additional information is available for this message.

HSTBT0003S B-tree root header index type *bt_index_type_id* is incorrect. Should be *bt_index_type_id*

Explanation: No additional information is available for this message.

HSTBT0004S B-tree root header index Id *bt_index_type_id* is incorrect. Should be *bt_index_type_id*

Explanation: No additional information is available for this message.

HSTBT0005S OBSOLETE: isPageAllocated failed

Explanation: No additional information is available for this message.

HSTBT0006S Root page is not an allocated page.

Explanation: No additional information is available for this message.

HSTBT0007E Unable to lock page

Explanation: No additional information is available for this message.

HSTBT0008E PageType=0x*bt_index_page_type_id* not part of a B-Tree.

Explanation: No additional information is available for this message.

HSTBT0009S Check Root check isPageAllocated failed, error code *cm_result_code*.

Explanation: The metadata checker has found a problem when checking the root page.

Action: Run the metadata checker again and if the error persists contact your service representative.

HSTBT0010S Root page is not a valid page.

Explanation: The metadata checker has found a problem when checking the root page.

Action: Run the metadata checker again in salvage mode to repair the error. This error will be reported again, however, the error will be repaired.

HSTCK0001E Check for *fsck_container* failed

Explanation: No additional information is available for this message.

HSTCK0002I Check system metadata

Explanation: No additional information is available for this message.

HSTCK0003S Logical Volume Manager metadata check failed *fsck_result_code*

Explanation: No additional information is available for this message.

HSTCK0004S Version Control Manager metadata check failed *fsck_result_code*

Explanation: No additional information is available for this message.

HSTCK0005S Cluster Manager metadata check failed *fsck_result_code*

Explanation: No additional information is available for this message.

HSTCK0006I Check container metadata

Explanation: No additional information is available for this message.

HSTCK0007S Container metadata check failed *fsck_result_code*

Explanation: No additional information is available for this message.

HSTCK0008I Done checking metadata

Explanation: No additional information is available for this message.

HSTCK0009W Skipped check container *fsck_container_name*. Server *fsck_server_name* is not in the active group.

Explanation: No additional information is available for this message.

HSTCK0010E Metadata check of container *fsck_container_name* failed. Error code = *fsck_result_code*. Check the logs on node *fsck_server_name*

Explanation: No additional information is available for this message.

HSTCK0023E Warning. A Metadata check command was issued to a subordinate node. This command must be issued to the master node.

Explanation: No additional information is available for this message.

HSTCK0024I Metadata check stop forced.

Explanation: No additional information is available for this message.

HSTCK0025I Corrupt: *Argcm_argument_index* = *cm_argument_value*

Explanation: No additional information is available for this message.

HSTCK0026I Metadata of container *fsck_container_name* successfully salvaged. Check the logs on node *fsck_server_name*

Explanation: IBM SAN File System server successfully found and repaired container metadata corruptions.

Action: Check the logs on specified server to view details of the metadata corruption and repair.

HSTCK0027I Check container *container_name*

Explanation: Metadata checker container check start message on the subordinate.

Action: None

HSTCM0001W Cluster manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0002E Action code (*cm_action_code*) **in StartWorkLoad message is not valid.**

Explanation: No additional information is available for this message.

HSTCM0003E Action code (*cm_action_code*) **in StopWorkLoad message is not valid.**

Explanation: No additional information is available for this message.

HSTCM0004E Scan system disk fatal error : MASTER(Disk Count) = *cm_master_disk_count*, **Subordinate(Disk Count) =** *cm_subordinate_disk_count*, **Master Disk Hash Value =** *cm_master_disk_hash*, **Subordinate Disk Hash Value =** *cm_subordinate_disk_hash*, **Error code:** *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0005W Scan user disk warning: MASTER(Disk Count) = *cm_master_disk_count*, **Subordinate(Disk Count) =** *cm_subordinate_disk_count*, **Master Disk Hash Value =** *cm_master_disk_hash*, **Subordinate Disk Hash Value =** *cm_subordinate_disk_hash*

Explanation: No additional information is available for this message.

HSTCM0006E Global Disk I/O Manager failed to scan disks. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0007S CALLHOME: Global Disk I/O Manager failed to scan disks. RC = *cm_result_code*. **The server process is stopping.**

Explanation: No additional information is available for this message.

HSTCM0008W cmControlDataAccessRespMsg send failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0009W Control Data Access: Long running process complete message send failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0010W cmArenaSpaceReclaimCandidateAction: Failed with *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0011E Cannot allocate memory for FOVIteratorFetch data buffer

Explanation: No additional information is available for this message.

HSTCM0012I FOVIteratorFetch: no data in the state buffer

Explanation: No additional information is available for this message.

HSTCM0013I FOVIteratorFetch: garbled message received from master

Explanation: No additional information is available for this message.

HSTCM0014E cmPitImageAction::execute operation not valid *cm_pit_command_type*

Explanation: No additional information is available for this message.

HSTCM0015W CM master: createArena() - Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0016W Arena <*cm_container_id, cm_pool_id*> already locked by node *cm_locker_id*

Explanation: No additional information is available for this message.

HSTCM0017W CM master: extendArena() - Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0018I CM master: extendArena() - Arena CTL is NULL

Explanation: No additional information is available for this message.

HSTCM0019I CM master: extendArena() - Locker unknown

Explanation: No additional information is available for this message.

HSTCM0020E CM master: extendArena() - fetch arena failed

Explanation: No additional information is available for this message.

HSTCM0021E CM master: extendArena() - Allocate partition failed

Explanation: No additional information is available for this message.

HSTCM0022E CM master: extendArena() - insert record error

Explanation: No additional information is available for this message.

HSTCM0023E CM master: extendArena() - replace record error

Explanation: No additional information is available for this message.

HSTCM0024E CM master: extendArena() - commit operation error

Explanation: No additional information is available for this message.

HSTCM0025W CM master: lockArena() - Cluster Manager master not started.

Explanation: No additional information is available for this message.

HSTCM0026W CM master: unlockArena() - Cluster Manager master not started.

Explanation: No additional information is available for this message.

HSTCM0027W CM master: translatePartition() - Cluster Manager master not started.

Explanation: No additional information is available for this message.

HSTCM0028E delete_container_arenas: Unable to find control block for arena CID *cm_arena_id*, stgpoolID *cm_pool_id*

Explanation: No additional information is available for this message.

HSTCM0029E delete_arena_lpt : Unable to deallocate partition: *cm_partition_id* on disk: *0xcm_disk_id*

Explanation: No additional information is available for this message.

HSTCM0030E Deallocate partition: error deallocating LP partition. The partition was not allocated.

Explanation: No additional information is available for this message.

HSTCM0031E OBSOLETE PublishAdmPrivclientInfo: ErrorCode(GS): *cm_result_code* sending message to node *cm_node_id*. The client name: *cm_client_name*, Subordinate error code: *cm_subordinate_result_code*.

Explanation: No additional information is available for this message.

HSTCM0032W An instance of the space reclamation thread is already running

Explanation: No additional information is available for this message.

HSTCM0033E Unable to start partition reclamation thread.

Explanation: No additional information is available for this message.

HSTCM0034S Cluster failed to start. The server process is stopping.

Explanation: No additional information is available for this message.

HSTCM0035S CALLHOME: Cluster failed to start. The server process is stopping.

Explanation: No additional information is available for this message.

HSTCM0036E Error redoing action: Action code = *0xcm_action_code* RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0037E Error deleting redo action: Action code = *0xcm_action_code* RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0038E Error committing redo action: Action code = *0xcm_action_code* RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0039W Cluster Manager show command issued to a subordinate node. This command must be issued to the master node.

Explanation: No additional information is available for this message.

HSTCM0040E Unable to allocate aligned buffer.

Explanation: No additional information is available for this message.

HSTCM0041E Unable to read sector *cm_sector_id* from Logical Volume Manager.

Explanation: No additional information is available for this message.

HSTCM0042E Cluster Manager installation failed. Cluster Manager master is already started.

Explanation: No additional information is available for this message.

HSTCM0043E Unable to create master workload volumes.

Explanation: No additional information is available for this message.

HSTCM0044E Unable to write cluster attributes control block in Cluster Manager sector *cm_sector_id*.

Explanation: No additional information is available for this message.

HSTCM0045E Start cluster: start failed. Cluster Manager master is already started.

Explanation: No additional information is available for this message.

HSTCM0046E Start cluster: start failed. Cluster transition already in progress.

Explanation: No additional information is available for this message.

HSTCM0047E Start cluster: Clean master DB space failed.

Explanation: No additional information is available for this message.

HSTCM0048E Start cluster: Unable to start master workload.

Explanation: No additional information is available for this message.

HSTCM0049E Start cluster error.

Explanation: No additional information is available for this message.

HSTCM0050E Start cluster error: There was an out-of-memory error loading the cluster control block from Cluster Manager sector *cm_ssector_id*

Explanation: No additional information is available for this message.

HSTCM0051E Start cluster error: There was an I/O error loading the cluster control block from Cluster Manager sector *cm_sector_id*

Explanation: No additional information is available for this message.

HSTCM0052E Start cluster error: There was an integrity error loading the cluster control block from Cluster Manager sector *cm_sector_id*

Explanation: No additional information is available for this message.

HSTCM0053E Start cluster error: There was an unknown error loading the cluster control block from Cluster Manager sector *cm_sector_id*

Explanation: No additional information is available for this message.

HSTCM0054E Start cluster: Redo pending actions failed.

Explanation: No additional information is available for this message.

HSTCM0055E Stop cluster: stop failed. Cluster transition already in progress.

Explanation: No additional information is available for this message.

HSTCM0056S Unable to access master DB space.

Explanation: No additional information is available for this message.

HSTCM0057S Error. Cluster Manager master could not find its master directory.

Explanation: No additional information is available for this message.

HSTCM0058E Unable to create Cluster Manager master index.

Explanation: No additional information is available for this message.

HSTCM0059S Unable to create Cluster Manager master database.

Explanation: No additional information is available for this message.

HSTCM0060E Unable to store Cluster Manager master record.

Explanation: No additional information is available for this message.

HSTCM0061S Unable to create root container.

Explanation: No additional information is available for this message.

HSTCM0062S Unable to create default service class.

Explanation: No additional information is available for this message.

HSTCM0063S Unable to create default storage pool.

Explanation: No additional information is available for this message.

HSTCM0064S Unable to create subordinate workload volumes.

Explanation: No additional information is available for this message.

HSTCM0065S Unable to add subordinate write-ahead log volume ID to persistent table.

Explanation: No additional information is available for this message.

HSTCM0066S Unable to add subordinate workload to persistent map.

Explanation: No additional information is available for this message.

HSTCM0067S Unable to replace Cluster Manager master record.

Explanation: No additional information is available for this message.

HSTCM0068S Error creating Cluster Manager master record.

Explanation: No additional information is available for this message.

HSTCM0069E Error encountered while sending long running process ping message to node ID = *cm_node_id* for command type = *cm_cmd_type*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0070E Error long running process failed: Cluster failure.

Explanation: No additional information is available for this message.

HSTCM0071E CM master: create volume class=*cm_class_id*, volId=*cm_volume_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0072E Error *cm_result_code* sending scan disks message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0073E Error in redo actions table. Action code=0x*cm_action_code* is not valid.

Explanation: No additional information is available for this message.

HSTCM0074E Error *cm_result_code* sending check container message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0075E Container Node Done failed with error *cm_result_code* for node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0076E Error *cm_result_code* processing check container long process reply from node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0077E Error *cm_result_code* sending FSCK stop message to subordinates using groupcast

Explanation: No additional information is available for this message.

HSTCM0078E Error *cm_result_code* sending createArena message.

Explanation: No additional information is available for this message.

HSTCM0079E Error *cm_result_code* processing create arena.

Explanation: No additional information is available for this message.

HSTCM0080E Error *cm_result_code* sending extendArena message.

Explanation: No additional information is available for this message.

HSTCM0081E Error *cm_result_code* processing extend arena.

Explanation: No additional information is available for this message.

HSTCM0082E CM closeArena: Cluster Manager is not started.

Explanation: No additional information is available for this message.

HSTCM0083E CM closeArena: Arena with <container *cm_container_name* (*cm_container_id*), stgpool *cm_pool_name* (*cm_pool_id*)> was not found.

Explanation: No additional information is available for this message.

HSTCM0084E closeArena: Error *cm_result_code* subtracting capacity from container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0085E closeArena: Unable to release the reference to container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0086E Error *cm_result_code* sending closeArena message.

Explanation: No additional information is available for this message.

HSTCM0087E Error *cm_result_code* processing unlock arena.

Explanation: No additional information is available for this message.

HSTCM0088E LPNo exceeds arena capacity.

Explanation: No additional information is available for this message.

HSTCM0089E Error *cm_result_code* sending translatePartition message.

Explanation: No additional information is available for this message.

HSTCM0090E Error *cm_result_code* translating partition. Partition number = *cm_partition_id*

Explanation: No additional information is available for this message.

HSTCM0091E Error *cm_result_code* sending openArena message.

Explanation: No additional information is available for this message.

HSTCM0092E Arena with <container *cm_container_name* (*cm_container_id*), stgpool *cm_pool_name* (*cm_pool_id*)> does not exist at master.

Explanation: No additional information is available for this message.

HSTCM0093E Error *cm_result_code* processing open arena.

Explanation: No additional information is available for this message.

HSTCM0094E Error *cm_result_code* adding capacity to container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0095E Error *cm_result_code* sending `getRootContainer attr` message.

Explanation: No additional information is available for this message.

HSTCM0096E Error *cm_result_code* processing `getRootContainer` attributes.

Explanation: No additional information is available for this message.

HSTCM0097E Error *cm_result_code* sending `lookup container` message.

Explanation: No additional information is available for this message.

HSTCM0098E Error *cm_result_code* processing `lookupContainer`.

Explanation: No additional information is available for this message.

HSTCM0099E Error *cm_result_code* sending `cmCheckContainerDoneMsg` message.

Explanation: No additional information is available for this message.

HSTCM0100E CM `initContainerDesc`: Cluster Manager is not started.

Explanation: No additional information is available for this message.

HSTCM0101E CM `updateContainerDesc`: Cluster Manager is not started.

Explanation: No additional information is available for this message.

HSTCM0102E container *cm_container_id* (*cm_container_name*) (*cm_container_times times*)

Explanation: No additional information is available for this message.

HSTCM0103I Deleting the container descriptor for container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0104E CMRep::`updateContainerDesc`: Unable to find container *cm_container_name* (*cm_container_id*) descriptor

Explanation: No additional information is available for this message.

HSTCM0105I Hard quota violation. Allowing request to continue

Explanation: No additional information is available for this message.

HSTCM0106W Define container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0107E Unable to assign new container to a workload.

Explanation: No additional information is available for this message.

HSTCM0108E Unable to create container logical volume, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0109E Unable to add container *cm_container_name* (*cm_container_id*) to workload on node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0110E Unable to update container *cm_container_name* (*cm_container_id*) quota on node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0111W Remove container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0112W Delete container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0113E delete_container failed: Volume drain operation is in progress.

Explanation: No additional information is available for this message.

HSTCM0114E Unable to find container binding for containerId=*cm_container_id*

Explanation: No additional information is available for this message.

HSTCM0115I CM Master: destroy volume *cm_volume_name* (*cm_volume_id*) failed with RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0116W Attach container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0117E Attach Container failed: *cm_container_name* cannot be attached to the global root directory.

Explanation: No additional information is available for this message.

HSTCM0118E undo_container_attach() failed with *cm_result_code*. Try using detachcontainer *cm_container_name*

Explanation: No additional information is available for this message.

HSTCM0119W Detach container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0120W Update container was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0121E Unable to update quota value for container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0122E Cluster Manager master is not started.

Explanation: No additional information is available for this message.

HSTCM0123E Cluster Manager master is not started.

Explanation: No additional information is available for this message.

HSTCM0124E Error *cm_result_code* sending lookupName message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0125E Error injection: No message

Explanation: No additional information is available for this message.

HSTCM0126E CM Master Attach Container: error *cm_result_code* processing lookup name.

Explanation: No additional information is available for this message.

HSTCM0127E Error *cm_result_code* sending createWormhole message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0128E Error injection: No message

Explanation: No additional information is available for this message.

HSTCM0129E CM master create wormhole: Error *cm_result_code* during processing.

Explanation: No additional information is available for this message.

HSTCM0130E Error *cm_result_code* sending removeWormhole message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0131E CM master remove wormhole: Error *cm_result_code* during processing.

Explanation: No additional information is available for this message.

HSTCM0132E Error *cm_result_code* sending Set Container Access message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0133E Unable to create wormhole in objId=*cm_object_id* for name=*cm_attachpt_name*. The name already exists.

Explanation: No additional information is available for this message.

HSTCM0134E `undo_container_attach()` failed with *cm_result_code*. Try using detachcontainer for containerID=*cm_container_id*

Explanation: No additional information is available for this message.

HSTCM0135E Action code 0x*cm_action_code* is not valid.

Explanation: No additional information is available for this message.

HSTCM0136E Error sending cmInvalidateDirContentsMsg with *cm_result_code* to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0137E Error *cm_result_code* processing invalidate dir request.

Explanation: No additional information is available for this message.

HSTCM0138E Extract containers information failed: Index operation Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0139E Extract attach points information failed: Reverse lookup Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0140E Extract attach points metadata failed: Attach point entry was not found for container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0141E Extract attach points information failed: Index operation Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0142E Error *cm_result_code* sending RevLookupName message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0143E CM master reverse lookup name: Error *cm_result_code* processing lookup name.

Explanation: No additional information is available for this message.

HSTCM0144E Update failed RC = *cm_result_code*, retries=*cm_retries_number*

Explanation: No additional information is available for this message.

HSTCM0145E init_ccb *cm_container_id*: fetch failed

Explanation: No additional information is available for this message.

HSTCM0147E mkimage: Error *cm_result_code* sending mkimage message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0148W FlashCopy command was issued to a subordinate node. This command must be issued to the master node.

Explanation: No additional information is available for this message.

HSTCM0149E Error *cm_result_code* sending FlashCopy Image message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0150E *cm_command* Error *cm_result_code* returned by subordinate

Explanation: No additional information is available for this message.

HSTCM0151W Create policy set was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0152E Unable to write policy set text, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0153W Delete policy set was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0154W Alert: The storage pool usage for *cm_pool_name* has exceeded its alert percentage of *cm_allocation_alert*%% with a new allocation of *cm_allocation_value*%%.

Explanation: No additional information is available for this message.

HSTCM0155E Unable to delete policy set text, last delete RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0156W Replace policy set was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0157E Unable to delete policy set text, last delete RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0158E Unable to write policy set text, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0159W Activate policy set was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0160E Unable to delete old active rules, last delete RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0161E Error *cm_result_code* sending invalidate policy set message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0162W Retrieve policy set was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0163E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0164E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0165E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0166E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0167E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0168E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0169E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0170E Could not create policy set text because of database error RC = *cm_result_code*

Explanation: No additional information is available for this message.

**HSTCM0171E Extract policy set information failed: Could not reconstruct policy text for policy : *cm_policy_name*:
Index operation Error=*cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0172E Extract policy set information failed: Index operation Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0173E Error *cm_result_code* processing assignStgPool

Explanation: No additional information is available for this message.

HSTCM0174E Error *cm_result_code* sending getDefaultStgPool message.

Explanation: No additional information is available for this message.

HSTCM0175E Error *cm_result_code* processing getDefaultStgPool.

Explanation: No additional information is available for this message.

HSTCM0176E Error *cm_result_code* sending verifyStgPool message.

Explanation: No additional information is available for this message.

HSTCM0177E Error *cm_result_code* sending getServiceClass message.

Explanation: No additional information is available for this message.

HSTCM0178E Error *cm_result_code* processing getServiceClass.

Explanation: No additional information is available for this message.

HSTCM0179W The addserver command was run on subordinate or during cluster transition

Explanation: No additional information is available for this message.

HSTCM0180E addserver: Failed. Communication failure

Explanation: No additional information is available for this message.

HSTCM0181E addserver: Failed. Duplicate server detected.

Explanation: No additional information is available for this message.

HSTCM0182E addserver: Failed. Node is not the master node

Explanation: No additional information is available for this message.

HSTCM0183E addserver: Failed. The commissionee could not write the configuration file.

Explanation: No additional information is available for this message.

HSTCM0184E addserver: Failed. The commissionee had mismatched configuration values.

Explanation: No additional information is available for this message.

HSTCM0185E addserver: Failed. The commissionee network is not valid.

Explanation: No additional information is available for this message.

HSTCM0186E addserver: Failed. There was an internal Group Services error

Explanation: No additional information is available for this message.

HSTCM0187E addserver: Failed. Unexpected error (*cm_result_code*) commissioning server

Explanation: No additional information is available for this message.

HSTCM0188W The dropserver command was run on subordinate or during cluster transition

Explanation: No additional information is available for this message.

HSTCM0189E dropserver: Unable to stop workload at node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0190E dropserver: Failed. Communication Failure

Explanation: No additional information is available for this message.

HSTCM0191E dropserver: Failed. Argument not valid

Explanation: No additional information is available for this message.

HSTCM0192E dropserver: Failed. Node is not the master node

Explanation: No additional information is available for this message.

HSTCM0193E dropserver: Failed. Unexpected error (*cm_result_code*) decommissioning server

Explanation: No additional information is available for this message.

HSTCM0194E CM Error: stopserver was run on subordinate node

Explanation: No additional information is available for this message.

HSTCM0195E CM Error: stopserver was run during cluster transition

Explanation: No additional information is available for this message.

HSTCM0196E CM Error: stopserver run for nonexistent server at IP address *cm_ip_address*, port *cm_port_id*

Explanation: No additional information is available for this message.

HSTCM0197E CM Error: stopserver run for unclustered server at IP address *cm_ip_address*, port *cm_port_id*

Explanation: No additional information is available for this message.

HSTCM0198E stopserver: Unable to stop workload at node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0199E stopserver: Failed. Communication Failure

Explanation: No additional information is available for this message.

HSTCM0200E stopserver: Failed. Argument not valid

Explanation: No additional information is available for this message.

HSTCM0201E stopserver: Failed. Node is not the master node

Explanation: No additional information is available for this message.

HSTCM0202E stopserver: Failed. Unexpected error (*cm_result_code*) shutting down server

Explanation: No additional information is available for this message.

HSTCM0203I CM master: listFilesInContainer() returned RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0204W Create storage pool was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0205W Remove storage pool was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0206W Delete storage pool was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0207E delete_storagepool failed: Volume drain operation is in progress.

Explanation: No additional information is available for this message.

HSTCM0208E delete_storagepool: Could not find StorageReclaimInfo entry for deletion

Explanation: No additional information is available for this message.

HSTCM0209W Update storage pool was run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0210W updateStoragePool(): StorageReclaimInfo is inconsistent.

Explanation: No additional information is available for this message.

HSTCM0211E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0212E Cluster Manager master was not started.

Explanation: No additional information is available for this message.

HSTCM0213E CM master: Error sending GetFileOnStgpool message.

Explanation: No additional information is available for this message.

HSTCM0214E Error *cm_result_code* sending update storage pool message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0215E Error *cm_result_code* sending update storage pool message

Explanation: No additional information is available for this message.

HSTCM0216E Extract storage pools information failed: Index operation Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0217E Error *cm_result_code* sending getServerNodeId message.

Explanation: No additional information is available for this message.

HSTCM0218E Error *cm_result_code* processing getServerNodeId for container *cm_container_id*

Explanation: No additional information is available for this message.

HSTCM0219W Load map updated while query in progress. There may be a mismatch in the node serving the container. container *cm_container_name* (*cm_container_id*). Looked up node *cm_node_id*. Query result *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0220E Clean workload failed on node *cm_node_id*. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0221E Unable to start workload on node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0222E Open container failed for node *cm_node_id*, DB Space=*cm_dbSPACE_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0223E Start DB Spaces failed for node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0224E Open container failed for node *cm_node_id*, DB Space=*cm_dbSPACE_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0225E TM Open Container failed for node *cm_node_id*, DB Space=*cm_dbSPACE_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0226W Create service class run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0227W Delete service class run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0228W Update service class run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0229W CM master not started.

Explanation: No additional information is available for this message.

HSTCM0230W No default service class found!

Explanation: No additional information is available for this message.

HSTCM0231E CM Master : error sending GetFileOnSvc message.

Explanation: No additional information is available for this message.

HSTCM0232E Error *cm_result_code* sending update svcclass message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0233E Error *cm_result_code* sending update svcclass message

Explanation: No additional information is available for this message.

HSTCM0234E Extract Service_Classes Info Failed : Index Operation Error=*cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0235W CM Master: getStgCapacity() - CM master not started.

Explanation: No additional information is available for this message.

HSTCM0236W Add volume run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0237W WARNING: no description for system volumes. Description is ignored.

Explanation: No additional information is available for this message.

HSTCM0238E CM master not started.

Explanation: No additional information is available for this message.

HSTCM0239E Update volume run on subordinate node or during cluster transition.

Explanation: No additional information is available for this message.

HSTCM0240W WARNING: No descr field for system volume, Description ignored.

Explanation: No additional information is available for this message.

HSTCM0241E CM Master : error sending addDirLink message.

Explanation: No additional information is available for this message.

HSTCM0242E CM Master : error sending removeDirLink message.

Explanation: No additional information is available for this message.

HSTCM0243E CM master not started.

Explanation: No additional information is available for this message.

HSTCM0244E Disk not configured in GIO.

Explanation: No additional information is available for this message.

HSTCM0245E CM Master: isContainerOnStoragePool() - fetch arena failed

Explanation: No additional information is available for this message.

HSTCM0246E Error *cm_result_code* sending *cm_message_name* to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0247E CM Master: listFilesInContainer() - cannot allocate memory.

Explanation: No additional information is available for this message.

HSTCM0248E Find user volume failed : Index scan error RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0249E drain_user_volume(): No enough space for partition movement. Available space = *cm_available_space* Required space = *cm_required_space*

Explanation: No additional information is available for this message.

HSTCM0250E Remove volume:- set_volume_alloc(): Fetch volume record failed.

Explanation: No additional information is available for this message.

HSTCM0251E Remove volume:- set_volume_alloc(): Replace volume record failed.

Explanation: No additional information is available for this message.

HSTCM0252E Remove volume:- set_volume_alloc(): Commit transaction failed.

Explanation: No additional information is available for this message.

HSTCM0253E Remove volume failed: check_alternate_space(): Volume table index access error. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0254E Remove volume: process_arenas() - unable to find ctl blk for arena <*cm_container_id,cm_pool_id*>

Explanation: No additional information is available for this message.

HSTCM0255E Move Partition: Lock partition failed, partition: *cm_partition_id* and RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0256E move_partition: error invalidating subordinate cache. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0257E move_partition: error invalidating client cache. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0258E move_partition: Error allocating new partition. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0259E move_partition: Error inserting dealloc redo action. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0260E move_partition: Copy partition failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0261E move_partition: Copy partition failed. RC = *cm_result_code*, Retry = *cm_retries_number*

Explanation: No additional information is available for this message.

HSTCM0262E move_partition: unable to deallocate partition: *cm_partition_id* on Disk: *0xc_m_disk_id*

Explanation: No additional information is available for this message.

HSTCM0263E move_partition: Error deleting redo action

Explanation: No additional information is available for this message.

HSTCM0264E move_partition: Error committing transaction

Explanation: No additional information is available for this message.

HSTCM0265E Remove volume: unable to unlock logical partition: *cm_partition_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0266E Redistribute Partition: unable to deallocate partition: *cm_partition_id* on Disk: *0xcm_disk_id*

Explanation: No additional information is available for this message.

HSTCM0267E Error *cm_result_code* Invalidating partition cache on subordinate node.

Explanation: No additional information is available for this message.

HSTCM0268E Error *cm_result_code* changing state of partitions.

Explanation: No additional information is available for this message.

HSTCM0269E Error *cm_result_code* processing remove files on disk.

Explanation: No additional information is available for this message.

HSTCM0270E Error *cm_result_code* processing control data access.

Explanation: No additional information is available for this message.

**HSTCM0271E Not an integer amount of sectors sizes on two volumes. Old volume sector size = *cm_volume_size*.
New volume sector size = *cm_volume_size***

Explanation: No additional information is available for this message.

HSTCM0272E Not an integer amount of sectors per partition in old volume.

Explanation: No additional information is available for this message.

HSTCM0273E Not an integer amount of sectors per partition in new volume.

Explanation: No additional information is available for this message.

**HSTCM0274E Read Failure in copy_partition(). RC = *cm_result_code* Start Sector: *cm_sector_id* Sector Count:
*cm_sector_count***

Explanation: No additional information is available for this message.

**HSTCM0275E Write Failure in copy_partition(). RC = *cm_result_code* Start Sector: *cm_sector_id* Sector Count:
*cm_sector_count***

Explanation: No additional information is available for this message.

HSTCM0276E Extract Volumes Info Failed : Could not get local name for diskId = 0xcm_disk_id

Explanation: No additional information is available for this message.

HSTCM0277E Extract Volumes Info Failed : Index Operation Error = cm_result_code

Explanation: No additional information is available for this message.

HSTCM0278E Unable to get container cm_container_name (cm_volume_id) binding for WAL

Explanation: No additional information is available for this message.

HSTCM0279E Unable to rebalance workload -- CM Master not started.

Explanation: No additional information is available for this message.

HSTCM0280E getServerNodeId: Error inject -- CM Master not running.

Explanation: No additional information is available for this message.

HSTCM0281E Unable to build list of WALs on master.

Explanation: No additional information is available for this message.

HSTCM0282E Unable to build WAL to container binding map for WAL VolId=cm_volume_id

Explanation: No additional information is available for this message.

HSTCM0283E Unable to get WAL volume Id from subordinate cm_node_id, RC = cm_result_code

Explanation: No additional information is available for this message.

HSTCM0284E Unable to stop workload at node cm_node_id, RC = cm_result_code

Explanation: No additional information is available for this message.

HSTCM0285E Unable to replace master record.

Explanation: No additional information is available for this message.

HSTCM0286E Unable to add new WAL volId to persistent table.

Explanation: No additional information is available for this message.

HSTCM0287E Unable to create new WAL for the node

Explanation: No additional information is available for this message.

HSTCM0288E Error committing new WAL transaction.

Explanation: No additional information is available for this message.

HSTCM0289E Unable to clean unclaimed workload, WAL volId=cm_volume_id on node cm_node_id, RC = cm_result_code

Explanation: No additional information is available for this message.

HSTCM0290E Unable to unbind container *cm_container_name* (*cm_container_id*) from old WAL.

Explanation: No additional information is available for this message.

HSTCM0291E Unable to commit container unbind transaction.

Explanation: No additional information is available for this message.

HSTCM0292E cannot start added containers on node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0293E Error updating WAL version adding containers to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0294E Unable to bind container *cm_container_name* (*cm_container_id*) to WAL *cm_volume_id*

Explanation: No additional information is available for this message.

HSTCM0295E Unable to commit WAL bind transaction.

Explanation: No additional information is available for this message.

HSTCM0296E Unable to remove WAL binding for container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0297E Unable to remove containers from node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0298E Error updating WAL version removing containers from node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0299E Unable to commit rebalance unbind transaction.

Explanation: No additional information is available for this message.

HSTCM0300E Unable to add containers to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0301E Error updating WAL version moving containers to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0302E Unable to change WAL binding for container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0303E Unable to commit rebalance bind transaction.

Explanation: No additional information is available for this message.

HSTCM0304E Unable to bind container *cm_container_name* (*cm_container_id*) to WAL VolumeID=*cm_volume_id*

Explanation: No additional information is available for this message.

HSTCM0305E Error updating WAL version moving containers to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0306E Error *cm_result_code* sending invalidate load map groupcast.

Explanation: No additional information is available for this message.

HSTCM0307E Error *cm_result_code* sending get WAL message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0308E Unable to clean unclaimed workload, WAL volId=*cm_volume_id* on node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0309E Error *cm_result_code* sending clean workload message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0310E Error *cm_result_code* processing clean workload.

Explanation: No additional information is available for this message.

HSTCM0311E Unable to start reclaimed workload, WAL volId=*cm_volume_id* on node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0312E Unable to start assigned workload, WAL volId=*cm_volume_id* on node *cm_node_id*, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0313E Unable to get node *cm_node_id* to rescan its disks, RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0314E Error *cm_result_code* sending start workload message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0315E Error *cm_result_code* processing start workload.

Explanation: No additional information is available for this message.

HSTCM0316E Error *cm_result_code* sending stop workload message to node *cm_node_id*

Explanation: No additional information is available for this message.

HSTCM0317E Error *cm_result_code* processing stop workload.

Explanation: No additional information is available for this message.

HSTCM0318E Error *cm_result_code* sending start serving message.

Explanation: No additional information is available for this message.

HSTCM0319W CM master is not started.

Explanation: No additional information is available for this message.

HSTCM0320W CM Master is not running on this node.

Explanation: No additional information is available for this message.

HSTCM0321W Volume *cm_volume_name* does not exist.

Explanation: No additional information is available for this message.

HSTCM0322E Storage pool information read failed. Return code = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0323W Storage pool *cm_pool_name* (*cm_pool_id*) partition size is zero. Lost integrity.

Explanation: No additional information is available for this message.

HSTCM0324W Conflicting volume drain command is already in progress.

Explanation: No additional information is available for this message.

HSTCM0325I Volume *cm_volume_name* is removed.

Explanation: No additional information is available for this message.

HSTCM0326E GIO failed to decommission disk = 0x*cm_disk_id*. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0327E Delete record from *cm_volume_name* table failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0328E Fetch record from *cm_volume_name* table failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0329E Replace record from *cm_volume_name* table failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0330E Commit transaction failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0331E CMMPRuleStreamBuf problem, testRecordFit RC = *cm_result_code* setting sb_maxRecord to *cm_max_record_size*

Explanation: No additional information is available for this message.

HSTCM0332E Error *cm_result_code* sending getStgCapacity message.

Explanation: No additional information is available for this message.

HSTCM0333E Error *cm_result_code* processing get capacity.

Explanation: No additional information is available for this message.

HSTCM0334E CMLOCAL: Disk scanning error

Explanation: No additional information is available for this message.

HSTCM0335S CALLHOME: CMLOCAL: Disk scanning error. The server process is stopping.

Explanation: No additional information is available for this message.

HSTCM0336I CMSTATE_INJ: State transition begin failed.

Explanation: No additional information is available for this message.

HSTCM0337I CMSTATE_INJ: State transition pre-prepare failed

Explanation: No additional information is available for this message.

HSTCM0338I CMSTATE_INJ: State transition post-prepare failed

Explanation: No additional information is available for this message.

HSTCM0339I CMSTATE_INJ: State transition post commit-abort failed

Explanation: No additional information is available for this message.

HSTCM0340I CMSTATE_INJ: State transition stalled at start of lock revoke

Explanation: No additional information is available for this message.

HSTCM0341I CMSTATE_INJ: State transition stalled at end of lock revoke

Explanation: No additional information is available for this message.

HSTCM0342I CMSTATE_INJ: State transition stalled at ClientIOTxn

Explanation: No additional information is available for this message.

HSTCM0343I CMSTATE_INJ: State transition stalled at syncWorkload

Explanation: No additional information is available for this message.

HSTCM0344I CMSTATE_INJ: State transition stalled at suspendIO

Explanation: No additional information is available for this message.

HSTCM0345I **CMSTATE_INJ: Stall for client TmTxn in execution**

Explanation: No additional information is available for this message.

HSTCM0346S **Unable to create default policy set.**

Explanation: No additional information is available for this message.

HSTCM0347S **container *cm_container_name* has detected unknown error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0348E **Invalid partition size *cm_partition_size* specified for pool *cm_pool_name*.**

Explanation: No additional information is available for this message.

HSTCM0349E **Invalid block size *cm_block_size* specified for pool *cm_pool_name*.**

Explanation: No additional information is available for this message.

HSTCM0350E **Invalid block size/partition size specified. There must be at least *cm_block_size* blocks per partition.**

Explanation: No additional information is available for this message.

HSTCM0351E ***cm_pool_name* name exceeds the maximum length of *cm_max_name_length* characters.**

Explanation: No additional information is available for this message.

HSTCM0352E ***cm_pool* *cm_pool_name* description exceeds the maximum length of *cm_max_name_length* characters.**

Explanation: No additional information is available for this message.

HSTCM0353E **Invalid alert value *cm_alert_percent* specified for *cm_pool* *cm_pool_name*.**

Explanation: No additional information is available for this message.

HSTCM0354E ***cm_default_pool_name*: Cluster Manager master node was not started.**

Explanation: No additional information is available for this message.

HSTCM0355E ***cm_storagepooldelete* was run on subordinate node or during a cluster transition.**

Explanation: No additional information is available for this message.

HSTCM0356E **You cannot change the name of the System Pool.**

Explanation: No additional information is available for this message.

HSTCM0357E **You cannot set the System Pool as the default.**

Explanation: No additional information is available for this message.

HSTCM0358E **You cannot change the description of the System Pool.**

Explanation: No additional information is available for this message.

HSTCM0359E *cm_callback_name* **callback registration failed. RC = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0360E **Error restarting the space reclamation thread**

Explanation: No additional information is available for this message.

HSTCM0361E **There was an out-of-memory error. The space reclamation thread is shutting down.**

Explanation: No additional information is available for this message.

HSTCM0362I **Shutting down the space reclamation thread.**

Explanation: No additional information is available for this message.

HSTCM0363E **SRT_scan_stgpools(): Could not find Storage Pool ID = *cm_pool_id***

Explanation: No additional information is available for this message.

HSTCM0364E **SRT_scan_stgpools(): Could not update Storage Pool ID = *cm_pool_id***

Explanation: No additional information is available for this message.

HSTCM0365E **scan_stgpool_arenas: Unable to find control block for arena with containerId *cm_container_id*,
stgPoolID *cm_pool_id***

Explanation: No additional information is available for this message.

HSTCM0366E **Cannot find node serving this Arena, error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0367E **SRT_scan_stgpool_arenas(): Error finding an arena. Skipping the arena**

Explanation: No additional information is available for this message.

HSTCM0368E **SRT_process_partition() failed with retVal = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0369E **SRT_scan_stgpool_arenas(): could not update arena hint**

Explanation: No additional information is available for this message.

HSTCM0370E **Error *cm_result_code* sending cmGetArenaFreePartitionsMsg failed to node = *cm_node_id***

Explanation: No additional information is available for this message.

HSTCM0371E **SRT_process_partitions(): Partition is already locked *cm_partition_id***

Explanation: No additional information is available for this message.

HSTCM0372E **SRT_process_partition(): Lock partition failed, partition = *cm_partition_id*. RC = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0373E **process_partition(): Unable to delete partition: *cm_partition_id* on disk: 0x*cm_disk_id*. RC = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0374E **Error *cm_result_code* sending cmArenaSpaceReclaimCandidateMsg failed to node = *cm_node_id***

Explanation: No additional information is available for this message.

HSTCM0375E **Error *cm_result_code* sending cmUpdateReclaimHintMsg failed to node = *cm_node_id***

Explanation: No additional information is available for this message.

HSTCM0376S **CMSTATE: Fatal error. Illegal request made to transition from state *cm_state_name* to state *cm_state_name*.**

Explanation: No additional information is available for this message.

HSTCM0377S **CALLHOME: CMSTATE: Fatal error. Illegal request made to transition from state *cm_state_name* to state *cm_state_name*. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTCM0378E **CMSTATE: Begin transition for state transition failed. RC = *cm_result_code***

Explanation: A failure occurred when attempting to change the administrative state of the Metadata server.

Action: If the Metadata server is in the desired state, no further action is required. You can verify the state of the server using the statcluster command.

If the Metadata server is not in the desired state, attempt to run the original quiescecluster or resumecluster command again, potentially using the -force option. You should also check for other error messages that occurred when the command was first issued. This may reveal other problems that need to be addressed.

HSTCM0379E **CMSTATE: 2PC for state transition failed. RC = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0380E **GS: Node=*cm_node_id* failed with error code = *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0381S **CMSTATE: Fatal error beginning graceful shutdown. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTCM0382S **CALLHOME: CMSTATE: Fatal error beginning graceful shutdown. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTCM0383E **CMSTATE: Failed to register 2PC callback functions.**

Explanation: No additional information is available for this message.

HSTCM0384E **CMSTATE *cm_state_name* fatal error. Incorrect type given in transition request. This is a bug. Current state = *cm_state_name*, Pending state = *cm_state_name*, New state = *cm_state_name*, New Type = *cm_state_type***

Explanation: No additional information is available for this message.

HSTCM0385E Error *cm_result_code* sending **cmCheckContainerRespMsg** message.

Explanation: No additional information is available for this message.

HSTCM0387E Alert. Container *cm_container_name* **hard quota violation - request denied. Alert at *cm_quota_limit%%*, allocation is *cm_quota_allocation%%*. The container id is *cm_container_id*.**

Explanation: The specified container has reached its hard quota value.

Action: Free up disk space by archiving and removing unused files. If the container has FlashCopy images, consider removing the older images.

HSTCM0388W Alert. Container *cm_container_name* **soft quota violation. Alert at *cm_quota_limit%%*, allocation is *cm_quota_allocation%%*. The container id is *cm_container_id*.**

Explanation: No additional information is available for this message.

HSTCM0389W Alert. Container *cm_container_name* **alert at *cm_quota_limit%%*, allocation is *cm_quota_allocation%%*. The container id is *cm_container_id*.**

Explanation: No additional information is available for this message.

HSTCM0390I Alert. The cluster state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0391W Alert. The cluster state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0392E Alert. The cluster state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0393S Alert. The cluster state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0394I Alert. The server state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0395W Alert. The server state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0396E Alert. The server state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0397S Alert. The server state has changed from *cm_cluster_state_name(cm_cluster_state_value)* to *cm_cluster_state_name(cm_cluster_state_value)*.

Explanation: No additional information is available for this message.

HSTCM0398E Setting container access to *cm_state* state failed on node *cm_node_id*. Return code *cm_result_code*, container *cm_container_name (cm_container_id)*.

Explanation: No additional information is available for this message.

HSTCM0399E createContainer: Replace master record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0400E UpdateContainer: Cluster must be in an Offline state to reassign a container from a server in the active group.

Explanation: No additional information is available for this message.

HSTCM0401E Warning. Administrator must have powered off the old node.

Explanation: No additional information is available for this message.

HSTCM0402E UpdateContainer: Subtract workload failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0403E Error inject: Close container on subordinate failed.

Explanation: No additional information is available for this message.

HSTCM0404E Error inject: Recover container data failed.

Explanation: No additional information is available for this message.

HSTCM0405E Error Inject: Reassign container to the new server failed.

Explanation: No additional information is available for this message.

HSTCM0406E Error Inject: Open container failed on subordinate.

Explanation: No additional information is available for this message.

HSTCM0407E Find Container: Fetch record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0408E get_container_access: Fetch from container table failed for ContainerID = *cm_container_id*. Error = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0409I Warning. container *cm_container_name (cm_container_id)* is not served by any server.

Explanation: No additional information is available for this message.

HSTCM0410E **get_server_name: Fetch from container table failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0411E **UpdateContainer: Add to workload failed. container *cm_container_name* (*cm_container_id*), New node ID=*cm_node_id*, New write-ahead log volume ID=*cm_wal_volume_id*, New write-ahead log Version=*cm_wal_version*. RC=*cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0412E **create_container: Container table insert failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0413E **child_container_exists: Fetch from attachpoint table failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0414E **Show write-ahead log volumes : Error encountered while scanning write-ahead log volume table. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0415E **Fetch container binding : Error encountered while scanning container binding table. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0416E **Get write-ahead log List: Index scan error. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0417E **Clean workload failed. Write-ahead log volume ID: *cm_wal_volume_id*, Node ID: *cm_node_id*, Write-ahead log version: *cm_wal_version*, Container count: *cm_container_count*. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0418E **Assign workload failed. No write-ahead log volume found for the node: *cm_node_id*.**

Explanation: No additional information is available for this message.

HSTCM0419E **Delete workload failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0420E **Find write-ahead log: Fetch from the container bind table failed. container *cm_container_name* (*cm_container_id*), RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0421E **Warning. Container *cm_container_name* (*cm_container_id*) is not served by any server.**

Explanation: No additional information is available for this message.

HSTCM0422E **Bind to write-ahead log: Fetch from the write-ahead log table failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0423E Bind to write-ahead log: Replace record in container binding failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0424E Bind to write-ahead log: Insert record in container binding failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0425E Bind to write-ahead log: Fetch from container binding failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0426E Unbind write-ahead log: Fetch from container binding failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0427E Unbind write-ahead log: Replace record from container binding failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0428E Update write-ahead log version: Replace record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0429E Update write-ahead log version: Write-ahead log volume was not found in the loadmap cache.

Explanation: No additional information is available for this message.

HSTCM0430E Increment write-ahead log version: Transaction commit failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0431E Change container assignment: Delete record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0432E *get_container_binding*: Fetch from write-ahead log table failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0433E *get_container_binding*: Fetch from container binding table failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0434E *getServerName*: Error inject Cluster Manager master is not running.

Explanation: No additional information is available for this message.

HSTCM0435E *cm_getServerNodeId_string*: Cluster Manager master is not running.

Explanation: No additional information is available for this message.

HSTCM0436E Bind to write-ahead log: Write-ahead log volume *cm_wal_volume_id* was not found in the write-ahead log table.

Explanation: No additional information is available for this message.

HSTCM0437E Create container: Commit transaction failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0438E Delete redo entry failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0439E Update container: Increment write-ahead log version failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0440E Update container: Recover container failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0441E Update container: Change container reassignment failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0442E Update container: Replace container table record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0443E update_root_container: Replace container table record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0444E check_container_bind: Fetch container table record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0445E delete_volume: Cache all write-ahead log partition group cast failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0446E reassign_root_container: Fetch root container binding record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0447E reassign_root_container: Fetch root container record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0448E reassign_root_container: Replace root container binding record failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0449E reassign_root_container: Transaction commit failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0450E Warning. Container *cm_container_name* (*cm_container_id*) is assigned to a server that is not part of the cluster.

Explanation: No additional information is available for this message.

HSTCM0451E **assign_static_containers: Replace container binding record failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0452E **assign_static_containers: Transaction commit failed. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0453I **Space reclaim skipped for arena (CID: *cm_container_id*, STGPOOL ID: *cm_pool_id*) because the container server state is Offline.**

Explanation: No additional information is available for this message.

HSTCM0454E **Unable to resume workload on node: *cm_node_id*, Write-ahead log volume ID: *cm_volume_id*, Version: *cm_wal_version*. RC = *cm_result_code*.**

Explanation: No additional information is available for this message.

HSTCM0455E **The allocation size *cm_allocation_size* specified for pool *cm_pool_name* is not valid.**

Explanation: No additional information is available for this message.

HSTCM0456E **Salvage cluster attributes failure: Store failed with error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0457E **Salvage cluster-attributes failure: Volatile Cluster-Attributes Control block check failed with error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0458E **Check root failure: Check for *cm_root_page_name* index root page failed with error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0459E **Salvage root failure: Error *cm_result_code* during locate root of index (Type *cm_index_type* ID *0xcm_index_id*)**

Explanation: No additional information is available for this message.

HSTCM0460I **Salvaging Cluster Manager cluster attributes record**

Explanation: No additional information is available for this message.

HSTCM0461I **Salvaging Cluster Manager master record**

Explanation: No additional information is available for this message.

HSTCM0462E **Salvage Cluster Manager master record failure: Replace record failed with error *cm_result_code***

Explanation: No additional information is available for this message.

HSTCM0463I **Salvaging full Cluster Manager *cm_attach_points_string* table.**

Explanation: No additional information is available for this message.

HSTCM0464E Check Cluster Manager *cm_containers_string* unexpected failure: Fetch from *cm_attach_points_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0465E Salvage Cluster Manager *cm_containers_string* record failure: Fetch from *cm_attach_points_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0466E Destroy Cluster Manager *cm_attach_points_string* record failure: Fetch from *cm_attach_points_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0467E Salvage Cluster Manager *cm_attach_points_string* table failure: Drain of *cm_attach_points_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0468E Salvage Cluster Manager *cm_containers_string* record failure: Insert/replace into table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0469E Salvage Cluster Manager *cm_containers_string* record failure: Delete from *cm_containers_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0470E Destroy Cluster Manager *cm_redo_actions_string* record failure: Delete from *cm_redo_actions_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0471E Destroy Cluster Manager *cm_attach_points_string* record failure: Insert/replace into *cm_containers_string* table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0472E Check Cluster Manager arenas: Check root of LOGICAL-PARTITIONS root failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0473I Salvaging Cluster Manager arenas record: Arena=<container *cm_container_name* (*cm_container_id*), stgpool *cm_pool_name* (*cm_pool_id*)>

Explanation: No additional information is available for this message.

HSTCM0474I Destroying Cluster Manager arenas record: Arena=<containerId=*cm_container_id*,stgPoolId=*cm_pool_id*>

Explanation: No additional information is available for this message.

HSTCM0475E Salvage Cluster Manager arenas record: Check root of LOGICAL-PARTITIONS root failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0476E Destroy Cluster Manager arenas record: Drain of LOGICAL-PARTITIONS table failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0477E Destroy Cluster Manager arenas record: DestroyIndex of LOGICAL-PARTITIONS root failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0478I Destroying Cluster Manager LOGICAL-PARTITIONS record: LPT Record
<PartitionNo=*cm_partition_number*>

Explanation: No additional information is available for this message.

HSTCM0479I Salvaging Cluster Manager attach points record: Attach point records for container
ID=*cm_container_id*

Explanation: No additional information is available for this message.

HSTCM0480I Salvage Cluster Manager containers record: Volatile container control-block access failed with error *cm_result_code*. Record will be destroyed.

Explanation: No additional information is available for this message.

HSTCM0481I Salvage Cluster Manager containers record: Volatile container control-block sanity check failed. Record will be destroyed.

Explanation: No additional information is available for this message.

HSTCM0482I Salvage Cluster Manager containers record: Logical Volume Manager FindVolume for *cm_object_id* key failed with error *cm_result_code* .

Explanation: No additional information is available for this message.

HSTCM0483I Salvaging Cluster Manager containers record: Container <containerId=*cm_container_id*>

Explanation: No additional information is available for this message.

HSTCM0484E Salvage Cluster Manager containers record: find_node failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0485I Destroying Cluster Manager containers record: <container *cm_container_name*, (*cm_container_id*)>

Explanation: No additional information is available for this message.

HSTCM0486W Destroy Cluster Manager containers record: Setting container Offline failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0487W Destroy Cluster Manager containers record: Revoke locks control_data_access failed with error
cm_result_code

Explanation: No additional information is available for this message.

HSTCM0488I Destroying Cluster Manager redoactions record: RedoAction <key=cm_redo_key>

Explanation: No additional information is available for this message.

HSTCM0489E Check Cluster Manager storage pools record: verifyDiskId diskID=0xcm_disk_id for last allocated disk failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0490I Salvaging Cluster Manager storage pools record: stgpool <cm_pool_name (cm_pool_id)>

Explanation: No additional information is available for this message.

HSTCM0491I Destroying Cluster Manager storage pools record: StgPool <stgpool=cm_pool_name (cm_pool_id)>

Explanation: No additional information is available for this message.

HSTCM0492E Check/Salvage Cluster Manager volumes record: verifyDiskId diskID=0xcm_disk_id failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0493I Salvaging Cluster Manager volumes record: Volumes <stgpool=cm_pool_id (cm_pool_name), diskId=0xcm_disk_id>

Explanation: No additional information is available for this message.

HSTCM0494I Destroying Cluster Manager volumes record: Volumes <stgpool=cm_pool_id (cm_pool_name), diskId=0xcm_disk_id>

Explanation: No additional information is available for this message.

HSTCM0495I Destroy Cluster Manager volumes record: Deleting LPT Record <PartitionNo=cm_partition_number>

Explanation: No additional information is available for this message.

HSTCM0496I Salvage Cluster Manager WALvolumes record: Logical Volume Manager FindVolume for
cm_lvm_volume_id **key failed with error** *cm_result_code* .

Explanation: No additional information is available for this message.

HSTCM0497E Salvage Cluster Manager WALvolumes record: find_node failed with error = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0498I Salvaging Cluster Manager container bindings record: ContainerBinding
<containerId=cm_container_id>

Explanation: No additional information is available for this message.

HSTCM0499I Salvaging Cluster Manager WALvolumes record: WALVolumes <walVolumeId=cm_wal_volume_id>
Explanation: No additional information is available for this message.

HSTCM0500I Destroying Cluster Manager WALvolumes record: WALVolumes <walVolumeId=cm_wal_volume_id>
Explanation: No additional information is available for this message.

HSTCM0501I Destroying Cluster Manager policy sets record: <PolicyId=cm_policy_id>
Explanation: No additional information is available for this message.

HSTCM0502I Salvaging default policy set.
Explanation: No additional information is available for this message.

HSTCM0503I Destroying Cluster Manager policy set texts record: PolicySetText <PolicyId=cm_policy_id, SegmentNo=cm_segment_number>
Explanation: No additional information is available for this message.

HSTCM0504E Salvage Cluster Manager derived policy tables failure: Fetch from cm_policy_sets_string table failed with error cm_result_code
Explanation: No additional information is available for this message.

HSTCM0505I Salvaging all Cluster Manager derived policy tables by reactivating active policy set.
Explanation: No additional information is available for this message.

HSTCM0506I Using Default policy set for activation. Failed to find and activate previous active policy set <policyId = cm_policy_id >
Explanation: No additional information is available for this message.

HSTCM0507E Salvage Cluster Manager derived policy tables failure: ActivatePolicy failed with error cm_result_code
Explanation: No additional information is available for this message.

HSTCM0508E Check Cluster Manager containers record: find_node failed with error cm_result_code
Explanation: No additional information is available for this message.

HSTCM0509E Error encountered while processing redo actions table. RC = cm_result_code.
Explanation: No additional information is available for this message.

HSTCM0510W reverttoimage for container cm_container_name (cm_container_id) failed: Container has child containers.
Explanation: No additional information is available for this message.

HSTCM0511E Extract system metadata failed. RC = cm_result_code.
Explanation: No additional information is available for this message.

HSTCM0512E Extract containers failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0513E Extract attach points failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0514E Extract policy sets failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0515E Extract storage pools failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0516E Extract service classes failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0517E Extract volumes failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0518E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Service class *cm_service_class_name* does not exist.

Explanation: No additional information is available for this message.

HSTCM0519E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Storage pool *cm_pool_name* does not exist.

Explanation: No additional information is available for this message.

HSTCM0520E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Fileset *cm_fileset_name* does not exist.

Explanation: No additional information is available for this message.

HSTCM0573E *Argcm_argument_index* [key | **cmRedoActionHeader** | **cmRedoWormHole** | **cmRedoPartitionStateChange** | **cmRedoDeallocPartition** | **cmRedoUpdateContainerQuota** | **cmRedoLVMVolumeOperationRecord** | pattern]

Explanation: No additional information is available for this message.

HSTCM0624E Check CM Failure : CM cluster attributes magic number *cm_magic_index* is *cm_magic_value* should be *cm_magic_value*

Explanation: No additional information is available for this message.

HSTCM0625E Check Cluster Manager failure: Cluster Manager cluster attributes software version *cm_version* should be *cm_version*

Explanation: No additional information is available for this message.

HSTCM0626E Check Cluster Manager failure: Cluster Manager cluster attributes record length *cm_record_length* should be *cm_record_length*

Explanation: No additional information is available for this message.

HSTCM0627E Check Cluster Manager failure: Cluster Manager cluster attributes reserved space *cm_reserved_space_number* is incorrect.

Explanation: No additional information is available for this message.

HSTCM0628I Salvaging Cluster Manager cluster attributes control block.

Explanation: No additional information is available for this message.

HSTCM0629S Salvage Cluster Manager failure: Cluster Manager cluster attributes store failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0630E Check Cluster Manager failure: Cluster Manager arenas table record/key wrong size for <container *cm_container_name (cm_container_id)*, stgpool *cm_pool_name (cm_pool_id)*>

Explanation: No additional information is available for this message.

HSTCM0631E Check Cluster Manager failure: Cluster Manager arenas table key's container ID *cm_container_id* was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0632E Check Cluster Manager failure: Cluster Manager arenas table key's storage pool ID *cm_pool_id* was not found in storage pools table.

Explanation: No additional information is available for this message.

HSTCM0633S Check Cluster Manager failure: Cluster Manager arenas table record LPT root check failed. Root = *cm_root_page*

Explanation: No additional information is available for this message.

HSTCM0634E Check Cluster Manager failure: Cluster Manager *cm_object_name* table record version *cm_version* should be *cm_version*

Explanation: No additional information is available for this message.

HSTCM0635E Check Cluster Manager failure: Cluster Manager arenas table record capacity *cm_capacity* is incorrect. It should be *cm_partition_highest*.

Explanation: No additional information is available for this message.

HSTCM0636E Check Cluster Manager failure: Cluster Manager areans table record occupancy *cm_partition_count* is incorrect. It should be *cm_partition_count*.

Explanation: No additional information is available for this message.

HSTCM0637E Check Cluster Manager failure: Cluster Manager arenas table logical partition map physical partition IDs are not unique for disk ID *0xcm_disk_id* , partition number *cm_partition_number*.

Explanation: No additional information is available for this message.

HSTCM0638E Check Cluster Manager failure: Cluster Manager logical partitions table record/key wrong size for < lptkey=*cm_key* >

Explanation: No additional information is available for this message.

HSTCM0639E Check Cluster Manager failure: Cluster Manager logical partitions table record storage pool *cm_pool_name (cm_pool_id)* disk ID *0xcm_disk_id* was not found in the volumes table.

Explanation: No additional information is available for this message.

HSTCM0640E Check Cluster Manager failure: Cluster Manager logical partitions table record physPartNo *cm_partition_number* equivalent key < stgPoolId=*cm_pool_id*, diskId=*0xcm_disk_id*, segNo=*cm_segment_number* > was not found in volumes partition map table.

Explanation: No additional information is available for this message.

HSTCM0641E Check Cluster Manager failure: Cluster Manager logical partitions table record physPartNo *cm_partition_number* was not allocated in volumes partition map table.

Explanation: No additional information is available for this message.

HSTCM0642E Check Cluster Manager failure: Cluster Manager logical partitions table record partition state *cm_partition_state* is incorrect.

Explanation: No additional information is available for this message.

HSTCM0643S Salvage CM *cm_object_name* Table record failure: Commit transaction failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0644S Salvage CM *cm_object_name* Table failure: Commit transaction failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0648E Check Cluster Manager failure: Cluster Manager attach points table record/key wrong size for key=(*cm_container_id,cm_object_id,cm_object_name_length*)

Explanation: No additional information is available for this message.

HSTCM0649E Check Cluster Manager failure: Cluster Manager attach points table record name does not match container and local OID (*cm_container_id,cm_object_id,cm_object_name*) Data (*cm_container_id,cm_object_id*).

Explanation: No additional information is available for this message.

HSTCM0650E Check Cluster Manager failure: Cluster Manager attach points table key is incorrect. Global root key should have cluster name *cm_cluster_name* as attach point, but has *cm_name*

Explanation: No additional information is available for this message.

HSTCM0651E Check Cluster Manager failure: Cluster Manager attach points table key container *cm_container_name (cm_container_id)* was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0652E Check Cluster Manager failure: Cluster Manager attach points table key name length *cm_name_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0653E Check Cluster Manager failure: Cluster Manager attach points table record data <containerId=*cm_container_id*,objectId=*cm_object_id*> not correct for key <containerId=*cm_container_id*,objectId=*cm_object_id*,nameLen=*cm_name_length*,name=*cm_name*>.

Explanation: No additional information is available for this message.

HSTCM0654E Check Cluster Manager failure: Cluster Manager attach points table record container *cm_container_name* (*cm_container_id*) was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0655E Check Cluster Manager failure: Cluster Manager attach points table key name *cm_key_name* does not match attach point *cm_attach_point_name* in containers table.

Explanation: No additional information is available for this message.

HSTCM0656E Check Cluster Manager failure: Cluster Manager attach points table key object ID *cm_object_id* was not found by reverse lookup in container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0657E Check Cluster Manager failure: Cluster Manager attach points table key object ID *cm_object_id* reverse lookup in container *cm_container_name* (*cm_container_id*) failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0658E Check Cluster Manager failure: Cluster Manager attach points table cannot lookup path *cm_path_name* in container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0659E Check Cluster Manager failure: Cluster Manager attach points table lookup path *cm_path_name* in container *cm_container_name* (*cm_container_id*) failed with error *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0660E Check Cluster Manager failure: Cluster Manager attach points table record data <containerId=*cm_container_id*,objectId=*cm_object_id*> does not correlate with lookup data <containerId=*cm_container_id*,objectId=*cm_object_id*>.

Explanation: No additional information is available for this message.

HSTCM0661E Check Cluster Manager failure: Cluster Manager attach points table has duplicate *cm_attach_direction* entries for key <container=*cm_container_id* (*cm_container_name*),objectId=*cm_object_id*>

Explanation: No additional information is available for this message.

HSTCM0662E Check Cluster Manager Failure: Cluster Manager *cm_object_type* table is empty.

Explanation: No additional information is available for this message.

HSTCM0663E Check Cluster Manager failure: Cluster Manager attach points table has no *cm_object_type* entry for key <containerId=*cm_container_id*,objectId=*cm_object_id*>

Explanation: No additional information is available for this message.

HSTCM0664E Check Cluster Manager failure: Cluster Manager attach points table record/key wrong size for key<container *cm_container_name (cm_container_id)*>

Explanation: No additional information is available for this message.

HSTCM0665E Check Cluster Manager failure: Cluster Manager containers table key < container *cm_container_name (cm_container_id)* > not found in Logical Volume Manager volume table.

Explanation: No additional information is available for this message.

HSTCM0666E Check Cluster Manager failure: Cluster Manager containers table key < containerId=*cm_container_id* > not found in volatile container control block List.

Explanation: No additional information is available for this message.

HSTCM0667E Check Cluster Manager failure: Cluster Manager containers table record quota *cm_quota* is not valid.

Explanation: No additional information is available for this message.

HSTCM0668E Check Cluster Manager failure: Cluster Manager containers table record alert percentage *cm_alert_percent* is not valid.

Explanation: No additional information is available for this message.

HSTCM0669E Check Cluster Manager failure: Cluster Manager containers table record hard/soft quota flag *cm_quota_flag* is not valid.

Explanation: No additional information is available for this message.

HSTCM0670E Check Cluster Manager failure: Cluster Manager containers table has more than one root container.

Explanation: No additional information is available for this message.

HSTCM0671E Check Cluster Manager failure: Cluster Manager containers table record name length *cm_name_length* is invalid.

Explanation: No additional information is available for this message.

HSTCM0672E Check Cluster Manager failure: Cluster Manager containers table record server name length *cm_name_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0673W Check Cluster Manager: Container with key < container *cm_container_name (cm_container_id)* > is orphaned. GetNodeId failed for server *cm_server_name*

Explanation: No additional information is available for this message.

HSTCM0674E Check Cluster Manager failure: Cluster Manager containers table record attach point length *cm_attach_point_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0675E Check Cluster Manager failure: Cluster Manager containers table key < containerId=*cm_container_id*, objectId=*cm_object_id* > not found in attach points table.

Explanation: No additional information is available for this message.

HSTCM0676E Check Cluster Manager failure: Cluster Manager containers table record wormhole flag *cm_wormhole_flag* is not valid.

Explanation: No additional information is available for this message.

HSTCM0677E Check Cluster Manager failure: Cluster Manager containers table key *cm_key* not found in container bindings(*find_node*).

Explanation: No additional information is available for this message.

HSTCM0678E Check Cluster Manager failure: Cluster Manager containers table record cannot lookup path *cm_path_name* in container *cm_container_name* (*cm_container_id*)

Explanation: No additional information is available for this message.

HSTCM0679E Check Cluster Manager failure: Cluster Manager containers table record lookup path *cm_path_name* in container *cm_container_name* (*cm_container_id*) failed. RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0680E Check Cluster Manager failure: Cluster Manager containers table record description length *cm_description_length* invalid.

Explanation: No additional information is available for this message.

HSTCM0681E Check Cluster Manager failure: Cluster Manager containers table record attach point name *cm_attach_point_name* is not valid.

Explanation: No additional information is available for this message.

HSTCM0682E Check Cluster Manager failure: Cluster Manager containers table key *cm_key* higher than master record nextVolId *cm_volume_id*

Explanation: No additional information is available for this message.

HSTCM0683E CM cluster attributes load failed. RC = *cm_result_code*.

Explanation: No additional information is available for this message.

HSTCM0684E Could not load Cluster Manager master record

Explanation: No additional information is available for this message.

HSTCM0685E Cluster Manager master record on disk is not the same as the copy in memory

Explanation: No additional information is available for this message.

HSTCM0686E Cluster Manager master record version *cm_version* should be *cm_version*

Explanation: No additional information is available for this message.

HSTCM0687E Cluster Manager master record update progress *cm_progress* should be *cm_progress*

Explanation: No additional information is available for this message.

HSTCM0688E Cluster Manager redo actions table key/record wrong size for key (*cm_key*).

Explanation: No additional information is available for this message.

HSTCM0689E Cluster Manager redo actions table key *cm_key* is not valid.

Explanation: No additional information is available for this message.

HSTCM0690E Cluster Manager redo actions table, container Id *cm_container_id* was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0691E Cluster Manager redo actions table cannot look up path= *cm_path_name* container *cm_container_name* (*cm_container_id*). RC = *cm_result_code*

Explanation: No additional information is available for this message.

HSTCM0692E Cluster Manager redo actions table: name is not valid.

Explanation: No additional information is available for this message.

HSTCM0693E Cluster Manager redo actions table: wormhole new name length is not valid

Explanation: No additional information is available for this message.

HSTCM0694E Cluster Manager redo actions table: PartitionStateChange container ID (*cm_container_id*) was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0695E Cluster Manager redo actions table: PartitionStateChange storage pool ID (*cm_pool_id*) was not found in storage pools table.

Explanation: No additional information is available for this message.

HSTCM0696E Cluster Manager redo actions table: PartitionStateChange container, stgpoolId = *cm_container_name* (*cm_container_id*), *cm_pool_name* (*cm_pool_id*)> was not found in arenas table.

Explanation: No additional information is available for this message.

HSTCM0697E CM Redo Actions table, PartitionStateChange logical partition No (*cm_partition_number*) not found in Logical Partition table.

Explanation: No additional information is available for this message.

HSTCM0698E Cluster Manager redo actions table: DeallocPartition container ID (*cm_container_id*) was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0699E Cluster Manager redo actions table: DeallocPartition storage pool ID (*cm_pool_id*) was not found in storage pools table.

Explanation: No additional information is available for this message.

HSTCM0700E Cluster Manager redo actions table: DeallocPartition disk ID equivalent volumes key <*cm_pool_id* (*cm_pool_name*) 0x*cm_disk_id*> was not found in volumes table.

Explanation: No additional information is available for this message.

HSTCM0701E Cluster Manager redo actions table: DeallocPartition containerId,stgpoolId <*cm_container_name* (*cm_container_id*), *cm_pool_name* (*cm_pool_id*)> was not found in arenas table.

Explanation: No additional information is available for this message.

HSTCM0702E Cluster Manager redo actions table: DeallocPartition logical partition No (*cm_partition_number*) was not found in logical partition table.

Explanation: No additional information is available for this message.

HSTCM0703E Cluster Manager redo actions table: RedoUpdateAnchorRecord container ID (*cm_container_id*) was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0704E Cluster Manager redo actions table: RedoUpdateAnchorRecord quota is not valid.

Explanation: No additional information is available for this message.

HSTCM0705E Cluster Manager redo actions table: RedoUpdateAnchorRecord alert is not valid.

Explanation: No additional information is available for this message.

HSTCM0706E Cluster Manager redo actions table: RedoUpdateAnchorRecord hard/soft flag is not valid

Explanation: No additional information is available for this message.

HSTCM0707E Cluster Manager redo actions table: Action code (*cm_action_code*) is not valid.

Explanation: No additional information is available for this message.

HSTCM0708E Cluster Manager policy set table key/record wrong size for key (*cm_name_length*,*cm_name*)

Explanation: No additional information is available for this message.

HSTCM0709E Cluster Manager policy set table name length *cm_name_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0710W Cluster Manager policy set table create time is in the future.

Explanation: No additional information is available for this message.

HSTCM0711W Cluster Manager policy set table modify time is in the future.

Explanation: No additional information is available for this message.

HSTCM0712W Cluster Manager policy set table active time is in the future.

Explanation: No additional information is available for this message.

HSTCM0713E Cluster Manager policy set table description length is not valid.

Explanation: No additional information is available for this message.

HSTCM0714E Cluster Manager policy set table does not have a default policy set.

Explanation: No additional information is available for this message.

HSTCM0715E Cluster Manager policy set table does not have an active policy set.

Explanation: No additional information is available for this message.

HSTCM0716E Cluster Manager policy set table record policyId *cm_policy_id* higher than nextVolId in Master Record *cm_volume_id*

Explanation: No additional information is available for this message.

HSTCM0717E Cluster Manager policy set texts table key/record wrong size for key (*cm_name_length,cm_name*).

Explanation: No additional information is available for this message.

HSTCM0718E Cluster Manager policy set texts table policy ID *cm_policy_id* is not valid.

Explanation: No additional information is available for this message.

HSTCM0719E Cluster Manager policy set texts table segment number *cm_segment_number* is not valid.

Explanation: No additional information is available for this message.

HSTCM0720E Cluster Manager policy set texts table is missing text.

Explanation: No additional information is available for this message.

HSTCM0721E Cluster Manager policy service class rule table key/record wrong size for key (*cm_rule_number*).

Explanation: No additional information is available for this message.

HSTCM0722E Cluster Manager policy service class rule table key rule number (*cm_rule_number*) is not valid

Explanation: No additional information is available for this message.

HSTCM0723E Cluster Manager policy service class rule table conclusion *cm_conclusion* was not found in the service class table.

Explanation: No additional information is available for this message.

HSTCM0724E Cluster Manager policy service class rule table condition length *cm_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0725E Cluster Manager policy service class rule table segment count *cm_count* is not valid.

Explanation: No additional information is available for this message.

HSTCM0726E Cluster Manager policy storage pool rules table key/record wrong size for key (*cm_rule_number*).

Explanation: No additional information is available for this message.

HSTCM0727E Cluster Manager policy storage pool rules table rule number *cm_rule_number* is not valid.

Explanation: No additional information is available for this message.

HSTCM0728E Cluster Manager policy storage pool rules table conclusion *cm_conclusion* was not found in storage pool table.

Explanation: No additional information is available for this message.

HSTCM0729E Cluster Manager policy storage pool rules table condition length *cm_length* is not valid.

Explanation: No additional information is available for this message.

HSTCM0730E Cluster Manager policy storage pool rules table segment count *cm_segment_count* is not valid.

Explanation: No additional information is available for this message.

HSTCM0731E Cluster Manager policy container applicability table key/record wrong size for key (*cm_container_id,cm_rule_type, cm_rule_number*).

Explanation: No additional information is available for this message.

HSTCM0732E Cluster Manager policy container applicability table key container *cm_container_id* was not found in containers table.

Explanation: No additional information is available for this message.

HSTCM0733E Cluster Manager policy container applicability table key rule type is incorrect.

Explanation: No additional information is available for this message.

HSTCM0734E Cluster Manager policy container applicability table *cm_table_name* does not contain rule number *cm_rule_number*.

Explanation: No additional information is available for this message.

HSTCM0735E Cluster Manager policy service class applicability table key/record wrong size for key (*cm_service_class,cm_rule_number*).

Explanation: No additional information is available for this message.

HSTCM0736E Cluster Manager policy service class applicability table key service class *cm_service_class* was not found in service class table.

Explanation: No additional information is available for this message.

HSTCM0737E Cluster Manager policy service class applicability table key rule number *cm_rule_number* was not found in storage pool rule table.

Explanation: No additional information is available for this message.

HSTCM0738E Cluster Manager policy conditions table key/record wrong size for key (*cm_key*).

Explanation: No additional information is available for this message.

HSTCM0739E Cluster Manager policy conditions table segment number *cm_segment_number* is not valid.

Explanation: No additional information is available for this message.

HSTCM0740E Cluster Manager policy conditions table data is empty.

Explanation: No additional information is available for this message.

HSTCM0741E Cluster Manager policy conditions table segments are not valid.

Explanation: No additional information is available for this message.

HSTCM0742E Cluster Manager storage pools table key/record wrong size for key (*cm_key*).

Explanation: No additional information is available for this message.

HSTCM0743E Cluster Manager storage pools last allocated disk ID *0xcm_disk_id* is not correct.

Explanation: No additional information is available for this message.

HSTCM0744E Cluster Manager storage pools block size *cm_pool_block_size* is not correct.

Explanation: No additional information is available for this message.

HSTCM0745E Cluster Manager storage pools allocation size *cm_pool_alloc_size* is not correct.

Explanation: No additional information is available for this message.

HSTCM0746E Cluster Manager storage pools partition size *cm_partition_size* is not correct.

Explanation: No additional information is available for this message.

**HSTCM0747E Cluster Manager storage pools: Not enough blocks per partition: Partition size *cm_partition_size* /
block size *cm_block_size* (*cm_minimum_blocks_per_partition*)**

Explanation: No additional information is available for this message.

HSTCM0748E Cluster Manager storage pools volume count *cm_volume_count* is not correct.

Explanation: No additional information is available for this message.

HSTCM0749E Cluster Manager storage pools partition count *cm_partition_count* is not correct.

Explanation: No additional information is available for this message.

HSTCM0750E Cluster Manager storage pools free partition count *cm_partition_count* is not correct.

Explanation: No additional information is available for this message.

HSTCM0751E Cluster Manager storage pools alert percentage *cm_alert_percent* is not correct.

Explanation: No additional information is available for this message.

HSTCM0752E Cluster Manager storage pools table name length is not valid.

Explanation: No additional information is available for this message.

HSTCM0753E Cluster Manager storage pools table description length is not valid.

Explanation: No additional information is available for this message.

HSTCM0754E Cluster Manager storage pools table is empty.

Explanation: No additional information is available for this message.

HSTCM0755E Cluster Manager storage pools table missing the default pool

Explanation: No additional information is available for this message.

HSTCM0756E Cluster Manager storage pools table key *cm_key (cm_pool_name)* is higher than nextStgPoolId in master record *cm_pool_id*.

Explanation: No additional information is available for this message.

HSTCM0757E Cluster Manager volumes table key/record wrong size for kKey (*cm_pool_id,0xcm_disk_id*)

Explanation: No additional information is available for this message.

HSTCM0758E Cluster Manager volumes table key, storage pool ID *cm_pool_id* was not found in Storage Pools table.

Explanation: No additional information is available for this message.

HSTCM0759E Cluster Manager volumes key, disk ID *0xcm_disk_id* was not found.

Explanation: No additional information is available for this message.

HSTCM0760E Cluster Manager volumes table vector size *cm_vector_size* should be *cm_vector_size*

Explanation: No additional information is available for this message.

HSTCM0761E Cluster Manager volumes partition size *cm_partition_size* should be *cm_partition_size*.

Explanation: No additional information is available for this message.

HSTCM0762E Cluster Manager volumes table partition count *cm_partition_count* should be *cm_partition_count*.

Explanation: No additional information is available for this message.

HSTCM0763E Cluster Manager volumes partition map segment number *cm_segment_number* should be *cm_segment_number*.

Explanation: No additional information is available for this message.

HSTCM0764E Cluster Manager volumes partition map reserved field = \$1\$u should be 0.

Explanation: No additional information is available for this message.

HSTCM0765E Cluster Manager volumes table free partition count *cm_partition_count* should be *cm_partition_count*.

Explanation: No additional information is available for this message.

HSTCM0766E Cluster Manager volume partition maps table partition map missing segment *cm_segment_count* out of *cm_segment_count* segments.

Explanation: No additional information is available for this message.

HSTCM0767E Cluster Manager volumes table allocation flag is incorrect.

Explanation: No additional information is available for this message.

HSTCM0768E Cluster Manager volumes table name length is not valid.

Explanation: No additional information is available for this message.

HSTCM0769E Cluster Manager volumes table description length is not valid.

Explanation: No additional information is available for this message.

HSTCM0770E Cluster Manager volumes partition map segment number *cm_segment_number* was not found on direct access.

Explanation: No additional information is available for this message.

HSTCM0771E Cluster Manager container bindings table key/record wrong size for key (*cm_container_id*).

Explanation: No additional information is available for this message.

HSTCM0772E Cluster Manager container bindings table key, container ID *cm_container_id* not found in Containers table.

Explanation: No additional information is available for this message.

HSTCM0773E Cluster Manager container bindings table key, write-ahead log Volume ID *cm_wal_volume_id* was not found in write-ahead log volumes table.

Explanation: No additional information is available for this message.

HSTCM0774E Cluster Manager container bindings table is empty.

Explanation: No additional information is available for this message.

HSTCM0775E Cluster Manager write-ahead log volumes table key/record wrong size for key (*cm_wal_volume_id*).

Explanation: No additional information is available for this message.

HSTCM0776E Cluster Manager write-ahead log volumes table version *cm_wal_version* is invalid.

Explanation: No additional information is available for this message.

HSTCM0777E Cluster Manager write-ahead log volumes table: Write-ahead log volume ID= *cm_wal_volume_id*, write-ahead log version= *cm_wal_version* was not found in internal load map.

Explanation: No additional information is available for this message.

HSTCM0778E Cluster Manager write-ahead log volumes table is empty.

Explanation: No additional information is available for this message.

HSTCM0779E Cluster Manager write-ahead log volumes table key *cm_key* higher than nextVolId in master record *cm_volume_id*.

Explanation: No additional information is available for this message.

HSTCM0780E Cluster Manager service class table key/record wrong size for key (*cm_key*).

Explanation: No additional information is available for this message.

HSTCM0781E Cluster Manager service class table key *cm_key* is not valid.

Explanation: No additional information is available for this message.

HSTCM0782E Cluster Manager service class table has more than one default class.

Explanation: No additional information is available for this message.

HSTCM0783E Cluster Manager service class table cache is not correct.

Explanation: No additional information is available for this message.

HSTCM0784E Cluster Manager service class table sparsity is not correct.

Explanation: No additional information is available for this message.

HSTCM0785E Cluster Manager service class table name length is not valid.

Explanation: No additional information is available for this message.

HSTCM0786E Cluster Manager service class table description length is not valid.

Explanation: No additional information is available for this message.

HSTCM0787E Cluster Manager service class table is empty.

Explanation: No additional information is available for this message.

HSTCM0788E Cluster Manager service class table is missing the default pool.

Explanation: No additional information is available for this message.

HSTCM0789E Cluster Manager *cm_object_name* table reserved1 field *cm_reserved1_field* should be 0.

Explanation: No additional information is available for this message.

HSTCM0790E Cluster Manager *cm_object_name* table reserved2 field *cm_reserved2_field* should be 0.

Explanation: No additional information is available for this message.

HSTCM0791E Cluster Manager arenas table *a_checkLptRoot* 0*cm_checkLptRoot* should be 0.

Explanation: No additional information is available for this message.

HSTCM0792E Cluster Manager volumes table reserved1 field *cm_reserved1/field* should be 0.

Explanation: No additional information is available for this message.

HSTCM0793I Warning. Master took *cm_seconds_count* seconds to extend arena.

Explanation: No additional information is available for this message.

HSTCM0794I Warning. Master took *cm_seconds_count* seconds to translate partition.

Explanation: No additional information is available for this message.

HSTCM0795I Check Cluster Manager arenas table record container *cm_container_name* (*cm_container_id*), stgPool *cm_pool_name*. (*cm_pool_id*). LPT changed during check. Check is incomplete.

Explanation: No additional information is available for this message.

HSTCM0796S Salvage Cluster Manager arenas record failure: Check of previously salvaged record failed. Arena=<container *cm_container_name* (*cm_container_id*) stgPoolId=*cm_pool_id*>

Explanation: No additional information is available for this message.

HSTCM0797I Check Cluster Manager arenas record information: Check of arena record with key <containerId=*cm_container_id*,stgPoolId=*cm_pool_id*> abandoned. Record might have been deleted while check was in progress.

Explanation: No additional information is available for this message.

HSTCM0798E Check Cluster Manager failure: Cluster Manager arenas table record allocation size *cm_alloc_size* is incorrect. Should be 0.

Explanation: No additional information is available for this message.

HSTCM0799E CM Redo Actions table, Destroy volume Id = (*cm_volume_id*) found in Containers table.

Explanation: No additional information is available for this message.

HSTCM0801W Check CM Info: Cannot validate attach point reverse lookup because container *cm_container_name* (*cm_container_id*) is bound to unavailable server *server_name*

Explanation: The metadatachecker attempts a lookup of the containers that make up an attach point as a part of metadata validation. If the server that serves that container is unavailable at the time the system metadatacheck is initiated, this validation is skipped.

Action: No action is required. If all containers are bound to active servers when the startmetadatacheck command is issued, then lookup validation will be done and this message will go away.

HSTCM0802W Check CM Info: Cannot validate lookup of attach point because container *cm_container_name* (*cm_container_id*) is bound to unavailable server *server_name*

Explanation: The metadatachecker attempts to lookup containers that make up an attach point as a part of metadata validation. If a server that serves the container is unavailable at the time the system metadatacheck is initiated, this validation cannot be done.

Action: No action is required. If the metadatacheck is initiated when all servers are online that have containers bound to them, then the container root lookup validation will be done and this message will go away.

HSTCM0803W Check CM Info: Cannot validate lookup of container *cm_container_name* (*cm_container_id*) because it is bound to unavailable server *server_name*

Explanation: The metadata checker attempts to lookup the root of wormhole containers as a part of metadata validation. If the server that serves the wormhole is unavailable at the time the system metadata check is initiated, this validation cannot be done.

Action: No action is required. If the metadata check is initiated when all servers are online that have containers bound to them, then the wormhole lookup validation will be done and this message will go away.

HSTCM0804E update_root_container_server: Fetch container record failed. CID= *cm_container_id*, RC= *cm_result_code*,

Explanation: Fetch root container record from the container table failed.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0805E assign_static_containers: Replace wal table record failed WAL vol Id= *cm_volume_id*, RC= *cm_result_code*,

Explanation: Replace wal record from the wal table failed.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0806E Cluster Manager volume partition maps table key reserved1 *cm_reserved1* should be 0.

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0807I Volume changed while Cluster Manager volume partition maps table was being checked.

Explanation: During the metadata check, the volume partition maps table changed.

Action: Run the metadata checker again. If this message continues to appear, run the metadata checker with no client activity.

HSTCM0808E Cluster Manager volume partition maps key, disk ID 0x*cm_disk_id* was not found.

Explanation: The metadata checker has found a problem in the volume partition maps table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0809E Check/Salvage Cluster Manager volume partition maps record: verifyDiskId diskID=0x*cm_disk_id* failed with error *cm_result_code*

Explanation: The metadata checker has found a problem in the volume partition maps table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0810E Cluster Manager volume partition maps table discarding extra segment *cm_segno* beyond *cm_seg_count* segments.

Explanation: The metadata checker has found a problem in the volume partition maps table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0811E Check Cluster Manager failure: Cluster Manager *cm_object_name* table segment size *cm_segsize* should be *cm_segsize*

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0812E Check Cluster Manager failure: Cluster Manager *cm_object_name* table record length *cm_reclen* should be *cm_reclen*

Explanation: The metadata checker has found a problem. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0813E Cluster Manager volume partition maps partition count *cm_partition_count* should be *cm_partition_count*.

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0814E Cluster Manager volume partition maps bit map error bit *cm_bitno* is *cm_bitval* and should be *cm_bitval*.

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0815E Cluster Manager volume partition maps table free partition count *cm_partition_count* should be *cm_partition_count*.

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0816E Cluster Manager *cm_object_name* table contains extraneous records for disk id *0xcm_disk_id* storage pool *cm_stgpool*.

Explanation: The metadata checker has found a problem in the specified table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0817E Cluster Manager storage pools table reserved1 *cm_reserved1* should be 0.

Explanation: The metadata checker has found a problem in the storage pool table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0818E Cluster Manager storage pool ID *cm_pool_id* was not found in Storage Pools table.

Explanation: The metadata checker has found a problem in the storage pool table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0819E Cluster Manager volume stgPoolId *cm_pool_id*, diskId *0xcm_disk_id* was not found in Volumes table.

Explanation: The metadata checker has found a problem in the volumes table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0820E Cluster Manager logical partitions table physical partition *cm_partition_number* is beyond the partition count *cm_partition_number* of the disk.

Explanation: The metadata checker has found a problem in a logical partition table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0821E Cluster Manager logical partitions table physical partition *cm_partition_number* is a duplicate.

Explanation: The metadata checker has found a problem in a logical partition table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0822E Check Cluster Manager failure: Cluster Manager *cm_object_name* table key length *cm_keylen* should be *cm_keylen*

Explanation: The metadata checker has found a problem in the specified table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0823E Check Cluster Manager Destroying Volume Partition Map Record: Storage Pool *cm_pool_id* (*cm_pool_name*), Disk *0xcm_disk_id*, Segment *cm_segno*

Explanation: The metadata checker has found a problem in a volume partition maps table.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0824E Check Cluster Manager Missing Volume Partition Map Records for: Storage Pool *cm_pool_id*, Disk *0xcm_disk_id*

Explanation: The metadata checker has found a problem in a volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0825W Check CM Info: Cannot validate lookup of container *cm_container_name* (*cm_container_id*) because it is not served.

Explanation: The metadata checker attempts to lookup the root of wormhole containers as a part of metadata validation. If the container is not served at the time the system metadata check is initiated, this validation cannot be done. It is possible this problem is caused by metadata corruption.

HSTCM0826E Cluster Manager volumes table segment count *cm_segment_count* should be *cm_segment_count*

Explanation: The metadata checker has found a problem in the volumes table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0827E Cluster Manager storage pools table NULL storage pool id (*cm_pool_id*).

Explanation: The metadata checker has found a problem in the storage pool table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0828I LPT changed while Cluster Manager arena was being checked.

Explanation: During the metadata check, a logical partition table changed.

Action: Run the metadata checker again. If this message continues to appear, run the metadata checker with no client activity.

HSTCM0829E Cluster Manager volume partition maps internal error, bad next segment number *cm_segno* with segment count *cm_seg_count*

Explanation: The metadata checker has found a problem in the volume partition maps table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0830E Cluster Manager arena table block size *cm_arena_blocksize* should be *cm_block_size*.

Explanation: The metadata checker has found a problem in the arena table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0831E Check Cluster Manager failure: Cluster Manager containers table record attach point name is incorrect. Global root container should have cluster name *cm_cluster_name* as attach point, but has *cm_name*

Explanation: Cluster Manager containers table root container record attach point name is corrupt.

Action: System metadata check with repair option will repair this corruption.

HSTCM0832I Check Cluster Manager Salvaging Volume Partition Map Record: Storage Pool *cm_pool_id* (*cm_pool_name*), Disk *0xcm_disk_id*, Segment *cm_segno*

Explanation: Informational msg that metadata checker is repairing a volume partition maps table record.

Action: None.

HSTCM0833E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Service class *cm_service_class_name* is repeated within this rule.

Explanation: A policy set rule contains two or more references to the same service class.

Action: Recreate the policy set with the extra service class references removed and use the new policy set.

HSTCM0834E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Fileset *cm_fileset_name* is repeated within this rule.

Explanation: A policy set rule contains two or more references to the same fileset.

Action: Recreate the policy set with the extra fileset references removed and use the new policy set.

HSTCM0835W Error *cm_result_code* during attempt to invalidate subordinate partition-map cache for node: *cm_node_id*, arena: <*cm_container_id*,*cm_pool_id*>, partition: *cm_partition_id*

Explanation: The metadata checker attempts to invalidate subordinate Partition-map cache as a part of LPT record salvage. This invalidation may fail if the container is not being served at the time the system metadata check is initiated. It is possible this problem is caused by metadata corruption.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0836W deallocate_partition() - *cm_error_path*, : failed with an index error. RC=*cm_result_code*, stgpool=*cm_pool_name* (*cm_pool_id*), DiskId=*cm_disk_id*, Partition=*cm_partition_id*

Explanation: Internal error occurred while fetching the partition record for deletion.

Action: Please retry the command or run the metadata checker on the System Metadata.

HSTCM0837E Cluster Manager *cm_object_name* table setName field *cm_setname_field* should be 0 or 1.

Explanation: No additional information is available for this message.

HSTCM0838E Cluster Manager *cm_object_name* table newName field *cm_container_name* does not match with the container name *cm_container_name*

Explanation: No additional information is available for this message.

HSTCM0839I Command failed for container *cm_container_name* because container is in grace period.

Explanation: The metadata server provides clients a grace period to establish their locks after a server failure. Metadata changing administrative commands aren't permitted during this grace period.

Action: Please run the command again after a minute.

HSTCM0840E Update container name on the subordinate failed with RC = *cm_result_code*. container *cm_container_name* (*cm_container_id*) to new name = *cm_container_name*

Explanation: The master asked a subordinate to update a container's name, but the operation failed.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0841E Recover node assignment: Aborting master server as inconsistent node is found in the cluster. Inconsistent node id = *cm_node_id* Wal volume id= (*cm_wal_volume_id*) Wal version= (*cm_wal_version*) offendingAction= (*cm_offend_action*) foundAction= (*cm_found_action*)

Explanation: Master server recovers node assignment from all the nodes during the start workload after the cluster formation is complete. Currently master server can't shutdown the inconsistent node. The only choice the master server has is to abort.

Action: Take following actions. - Reboot the inconsistent node. - Start the master server. - Start the inconsistent node. If you are still getting this failure then contact your service representative.

HSTCM0842W Storage pool not found, stgpoolId = *cm_pool_id*. RC = *cm_result_code*.

Explanation: This is an internal error. The master was asked by a subordinate to lookup a specified storage pool id, but it was not found.

Action: If you are not sure why this message was displayed, contact your service representative.

HSTCM0843E Addserver: Failed. The cluster is in transition, please try again later.

Explanation: Cannot addserver when the cluster is in transition.

Action: Please retry operation after cluster transition concludes.

HSTCM0844E Dropserver: Failed. The cluster is in transition, please try again later.

Explanation: Cannot dropserver when the cluster is in transition.

Action: Please retry operation after cluster transition concludes.

HSTCM0845E Shutdownserver: Failed. The cluster is in transition, please try again later.

Explanation: Cannot shutdownserver when the cluster is in transition.

Action: Please retry operation after cluster transition concludes.

HSTCM0846E CM Master: isContainerOnStoragePool() - fetch arena failed with rc *cm_rc*

Explanation: This is an internal error. An error occurred while verifying the existence of an arena.

Action: Retry the operation and if the error recurs, contact your service representative.

HSTCM0847E Cluster Manager policy set table: Policy set name *cm_name* is not valid.

Explanation: The metadata checker has found a problem with a policy set name.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0848E Cluster Manager policy set table: Storage pool rule count is in error. The count was *cm_rule_count* and should have been *cm_rule_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0849E Cluster Manager policy set table: Service class rule count is in error. The count was *cm_rule_count* and should have been *cm_rule_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0850E Cluster Manager policy set table *cm_table*: Reserved field is in error. The value was *cm_rule_count* and should have been 0.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0851E Cluster Manager policy set table: Policy set *cm_name* is not the default policy set.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0852E Cluster Manager policy set table: Policy set *cm_name* should be the default policy set.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0853E Cluster Manager policy set table: Policy set *cm_policy_name* does not have any text.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0854E Cluster Manager policy set text table: Policy set id *cm_policy_id* text segment count *cm_seg_count* should have been *cm_seg_count*

Explanation: The metadata checker has found a problem with a policy set text.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0855E Cluster Manager policy set text table: Policy set id *cm_policy_id* text length *cm_policy_text_len* should have been *cm_policy_text_len*

Explanation: The metadata checker has found a problem with a policy set text.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0856E Cluster Manager policy set container applicability table: Container applicability count *cm_appl_count* should have been *cm_appl_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0857E Cluster Manager policy set service class applicability table: Service class applicability count *cm_appl_count* should have been *cm_appl_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0858E Cluster Manager policy set service class rule table: Rule name *cm_name* is not valid.

Explanation: The metadata checker has found a problem with a policy set service class rule name.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0859E Cluster Manager policy set storage pool rule table: Rule name *cm_name* is not valid.

Explanation: The metadata checker has found a problem with a policy set storage pool rule name.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0860E Cluster Manager policy set table service class rule table: Rule count *cm_rule_count* should have been *cm_rule_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0861E Cluster Manager policy set table storage pool rule table: Rule count *cm_rule_count* should have been *cm_rule_count*.

Explanation: The metadata checker has found a problem with a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0862E Cluster Manager policy set text table: Policy set text *cm_policy_id* fails syntax check.

Explanation: The metadata checker has found a problem with the syntax in a policy set.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0863I Destroying Cluster Manager policy sets record: <PolicyId=*cm_policy_name*>

Explanation: The metadata checker has found a problem with a policy set and removed it.

Action: Re-create the policy set.

HSTCM0864I Replacing Cluster Manager policy sets record: <PolicyId=*cm_policy_name*>

Explanation: The metadata checker has found a problem with a policy set and repaired it.

Action: Check the policy set for correctness.

HSTCM0865W CM: verify_volumes: The server found a disk, disk ID = *diskID*, that is not labeled as a user disk.

Explanation: The server expected to find a user disk but instead found a disk that was labeled as a system disk.

Action: Make sure that the reported disk is the correct type.

HSTCM0866W CM: verify_volumes: An expected user disk, disk ID = *diskID*, was not found on the SAN.

Explanation: The server expected to find a user disk that was not found on the SAN.

Action: Make sure that the reported disk is available.

HSTCM0867W CM: verify_volumes: The scan of the volumes table returned an error. RC = *return_code*.

Explanation: An error was encountered while fetching records from the volume table. The scan will be done again at the next cluster transition.

Action: This error by itself is not serious and is most likely the result of another problem. Check the logs to determine if more critical errors have occurred.

HSTCM0868E undo_container_detach() of container *cm_container_name* (*cm_container_id*) failed with *cm_result_code*. Try using attachcontainer *cm_container_name*

Explanation: This is an internal error. An error occurred while trying to revert from a failed container detach.

Action: Retry the operation and if the error recurs, contact your service representative.

HSTCM0869E CM Redo Actions table, Delete containerId = (*cm_container_id*) found in Containers table.

Explanation: Metadata checker has found a container entry in the container table

Action: Run metadata checker in repair mode to correct the problem.

HSTCM0870E Cluster Manager storage pool table: Storage pool name *cm_name* is not valid.

Explanation: The metadata checker has found a problem with a storage pool name.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0871E Cluster Manager storage pools table storage pool default flag is *cm_is_default* for storage pool *cm_stg_pool_name* id = *cm_stg_pool_id*. Default storage pool Id should be *cm_stg_pool_id*.

Explanation: The metadata checker has found a problem with a storage pool default flag.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTCM0872E Salvage Cluster Manager *cm_table_string* record failure: Insert/replace into table failed with error *cm_result_code*

Explanation: The metadata checker was trying to salvage a record and was unable to replace it.

Action: Repeat the metadata check and if the error persists contact your service representative.

HSTCM0873I Salvage Cluster Manager default storage pool, new default storage pool *cm_stgpool_id* Id *cm_stgpool_id*

Explanation: The metadata checker has chosen the specified storage pool to be the default.

Action: Verify the default storage pool is correct.

HSTCM0874I Salvage Cluster Manager default storage pool, creating new default storage pool.

Explanation: The metadata checker has created a new storage pool to be the default since the table was empty.

Action: Verify the default storage pool is correct.

HSTCM0875E Salvage Cluster Manager create of new default storage pool failed. Error code = *cm_error*.

Explanation: The metadata checker has failed to creat a new default storage pool when the table was empty.

Action: Try repeating the metadata check. If the error persists, contact your service representative.

HSTCM0876I Correcting Cluster Manager arenas table record LPT root. New root = *cm_root_page*

Explanation: The metadata checker has repaired the logical partition table root.

Action: Re-run the metadata checker to assure that no further corruption exists.

HSTCM0877I Destroying Cluster Manager logical partition table. Root = *cm_root_page*

Explanation: The metadata checker is destroying a logical partition table.

Action: Re-run the metadata checker to assure that no further corruption exists.

HSTCM0878E Cluster Manager arena table totals check failed to find storage pool *cm_stgpool_id*. is not valid.

Explanation: The metadata checker has found a problem with an arena. The storage pool record is missing.

Action: Run the metadata checker in salvage mode to try and repair the problem.

HSTCM0879E Check Cluster Manager failure: Cluster Manager arenas table record allocation size *cm_alloc_size* is incorrect. It should be *cm_alloc_size*.

Explanation: The metadata checker has found a problem with an arena. The allocation size is incorrect.

Action: Run the metadata checker in salvage mode to try and repair the problem.

HSTCM0880I Salvaging Cluster Manager arena record: Arena container= *cm_container_name* (*cm_container_id*), stgpool= *cm_pool_name* (*cm_pool_id*).

Explanation: The metadata checker has found a problem with an arena and repaired it.

Action: Re-run the metadata checker to assure that no further corruption exists. Run the metadata checker on the container in question to assure that no corruption exists in the container.

HSTCM0881E Check Cluster Manager failure: Cluster Manager arenas table record capacity2 *cm_capacity* is incorrect. It should be *cm_partition_highest*.

Explanation: The metadata checker has found a problem with an arena. The backup capacity field is incorrect.

Action: Run the metadata checker in salvage mode to try and repair the problem.

HSTCM0882E Cluster Manager logical partitions table LPT number *cm_partition_number* is beyond the arena capacity *cm_partition_number*.

Explanation: The metadata checker has found a problem in a logical partition table. The error indicates what the correct data should be.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTDB0001E Clean workload already in progress.

Explanation: No additional information is available for this message.

HSTDB0002I Write-ahead log cleaner checkpoint version=*db_wal_cleaner_version*.

Explanation: No additional information is available for this message.

HSTDB0003E RC = *db_result_code* mounting DB space *db_dbSPACE_id* for cleaning.

Explanation: No additional information is available for this message.

HSTDB0004S Log record found for DB space *db_dbSPACE_id*, which is not part of the workload, USN=*db_log_usn*.

Explanation: No additional information is available for this message.

HSTDB0005E Log Record: *db_log_name*

Explanation: No additional information is available for this message.

HSTDB0006S cannot find redo action for action code = *0xdb_action_code*

Explanation: No additional information is available for this message.

HSTDB0007S CALLHOME: cannot find redo action for action code = *0xdb_action_code*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0008S Redo Action Table: Slot (*db_action_tuple, db_action_cell*):*0xdb_action_code*

Explanation: No additional information is available for this message.

HSTDB0009S USN mismatch. SpaceId=*db_space_id*, PageNo=*db_page_number*, PageUSN=*db_page_usn*, prevUpdateUSN=*db_previous_usn*

Explanation: No additional information is available for this message.

HSTDB0010S CALLHOME: USN mismatch. SpaceId=*db_space_id*, PageNo=*db_page_number*, PageUSN=*db_page_usn*, prevUpdateUSN=*db_previous_usn*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0011E DB: Error *db_result_code* locking DB volume *db_volume_id*

Explanation: No additional information is available for this message.

HSTDB0012E DB: Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTDB0013S CALLHOME: DB: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0014E DB: Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTDB0015S CALLHOME: DB: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0016S DB Buffer Writer: Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTDB0017S CALLHOME: DB Buffer Writer: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0018E DB get_page_buffer: Failed attempt @1 to get page buffer, sleeping @2us.

Explanation: No additional information is available for this message.

HSTDB0019E DB: Unable to allocate aligned page buffer - @1 buffers of @2 allocated.

Explanation: No additional information is available for this message.

HSTDB0020E Invalid write-ahead log Version (*wal_wal_version*): WAL=*wal_object_id*, version=*wal_wal_version*, ckpt version=*wal_wal_version*.

Explanation: No additional information is available for this message.

HSTDB0021S CALLHOME: Invalid write-ahead log Version (*wal_wal_version*): WAL=*wal_object_id*, version=*wal_wal_version*, checkpoint version=*wal_wal_version*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0022E RC = *db_result_code* starting DB Space *db_dbspace_id*.

Explanation: No additional information is available for this message.

HSTDB0023S Out of log space.

Explanation: No additional information is available for this message.

HSTDB0024S avoid_deadlock: breadth = *db_deadlock_breadth*, depth = *db_deadlock_depth*, for transaction *db_txn_id*, page = *db_page_id*.

Explanation: No additional information is available for this message.

HSTDB0025S Nested transaction deadlock detected. Lock request denied for transaction *db_tsn_id*, thread *db_thread_id*, page=*db_tsn_page*. Would deadlock with transaction *db_tsn_id*, thread *db_thread_id*.

Explanation: No additional information is available for this message.

HSTDB0026S Nested transaction deadlock detected.

Explanation: No additional information is available for this message.

HSTDB0027S Log Record Header: Type=Update, action=0x*db_action_value*, Transaction=*db_tsn_id*, SpaceId=*db_space_id*, PageNo=*db_page_number*, PrevUSN=*db_usn_id*, PrevUpdateUSN=*db_usn_id*.

Explanation: No additional information is available for this message.

HSTDB0028S Buffer Writer: RC = *db_result_code* from write. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0029S CALLHOME: Buffer Writer: RC = *db_result_code* from write. The server process is stopping.

Explanation: No additional information is available for this message.

HSTDB0030E No space in DB space *db_dbspace_id*.

Explanation: No additional information is available for this message.

HSTDB0031E Error Inject: Write-ahead log version mismatched while starting workload.

Explanation: No additional information is available for this message.

HSTDB0032E Error Inject: Write-ahead log version set failed.

Explanation: No additional information is available for this message.

**HSTDB0033S Long Transaction Aborted : TSN = *db_txn_id* startUSN = *db_log_usn*, numUpdates=*db_num_updates*.
The stack of the long transaction thread will be dumped in log.dmp**

Explanation: The metadata server has aborted a long transaction.

Action: If you are not sure why this message was displayed, contact your service representative.

**HSTDB0034W Long Transaction update Alert : TSN = *db_txn_id*, startUSN=*db_log_usn*, currentUSN=*db_log_usn*,
numUpdates=*db_num_updates*, WAL-Size=*db_wal_size*. The stack of the long transaction thread will be
dumped in log.dmp**

Explanation: The metadata server has detected a potentially long transaction.

Action: This is just a warning alert. Watch out for possible long transaction aborts. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

**HSTDB0035W Long Transaction end Alert : TSN = *db_txn_id*, startUSN=*db_log_usn*, currentUSN=*db_log_usn*,
numUpdates=*db_num_updates*, WAL-Size=*db_wal_size*. The stack of the long transaction thread will be
dumped in log.dmp**

Explanation: The metadata server has detected a potentially long transaction.

Action: This is just a warning alert. Watch out for possible long transaction aborts. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTDI0001E dioDiskCtlBlk: Error *dio_result_code* occurred opening disk *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0002E dioDiskCtlBlk: fstat error *dio_result_code* for disk *dio_disk_name*

Explanation: No additional information is available for this message.

**HSTDI0003E dioDiskCtlBlk: ioctl BLKSSZGET failed for disk *dio_disk_name*, errno = *dio_result_code*,
sectorSize=*dio_sector_size***

Explanation: No additional information is available for this message.

**HSTDI0004E dioDiskCtlBlk: ioctl BLKGETSIZE failed for disk *dio_disk_name*, errno = *dio_result_code*,
sectorSize=*dio_sector_size***

Explanation: No additional information is available for this message.

HSTDI0005E dioDiskCtlBlk: Size zero for disk *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0006E dioDiskCtlBlk: Unsupported file type *dio_file_type* for disk *dio_disk_name*

Explanation: No additional information is available for this message.

**HSTDI0007E DIO: Disk *dio_disk_name* could not be generated because size *dio_disk_size*MB exceeds the maximum
file size.**

Explanation: No additional information is available for this message.

HSTDI0008E DIO: Error creating file *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0009E DIO: Write failed for file *dio_file_name* because there is insufficient disk space.

Explanation: No additional information is available for this message.

HSTDI0010E DIO: Write failed for file *dio_file_name* because there is insufficient disk space.

Explanation: No additional information is available for this message.

HSTDI0011E DIO: Write failed for file *dio_file_name* with error *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0012E DIO: Duplicate handle (*dio_handle_id*) returned by open.

Explanation: No additional information is available for this message.

HSTDI0013E DIO: A disk handle that is not valid was passed to executeIO:*dio_handle_id*

Explanation: No additional information is available for this message.

HSTDI0014E DIO: Error opening file *dio_file_name* for writing, errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0015E DIO: Error writing *dio_byte_count* bytes to file *dio_file_name*; actual written = *dio_byte_count*

Explanation: No additional information is available for this message.

HSTDI0016E DIO: Error reading file *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0017E DIO: *dio_command_name* failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0018E DIO: *dio_command_name* failed for disk *dio_disk_name* ; attempted=*dio_byte_count*, actual=*dio_byte_count*

Explanation: No additional information is available for this message.

HSTDI0019E dioDiskCtlBlk: Error *dio_result_code* occurred opening disk *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0020E dioDiskCtlBlk: fstat error *dio_result_code* for disk *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0021E dioDiskCtlBlk: Unsupported file type *dio_file_type* for disk *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0022E DIO: Disk *dio_disk_name* could not be generated because size *dio_disk_size*MB exceeds the maximum file size.

Explanation: No additional information is available for this message.

HSTDI0023E DIO: Error creating file *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0024E DIO: Write failed for file *dio_file_name* because there is insufficient disk space.

Explanation: No additional information is available for this message.

HSTDI0025E DIO: Write failed for file because there is insufficient disk space.

Explanation: No additional information is available for this message.

HSTDI0026E DIO: Write failed for file *dio_file_name* with error *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0027E DIO: Duplicate handle (*dio_*) returned by open.

Explanation: No additional information is available for this message.

HSTDI0028E DIO: A disk handle that is not valid was passed to executeIO:*dio_handle_id*

Explanation: No additional information is available for this message.

HSTDI0029E DIO: Writing the *dio_file_name* file failed with the following system message: *dio_system_message*

Explanation: No additional information is available for this message.

HSTDI0030E DIO: Only *dio_byte_count* of *dio_byte_count* bytes were written to *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0031E DIO: Error reading file *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0032E DIO: Seek failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0033E DIO: Write or read failed for disk.

Explanation: No additional information is available for this message.

HSTDI0034E DIO: Write or read failed for disk.

Explanation: No additional information is available for this message.

HSTDI0035E DIO: Write failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0036E DIO: Read failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0037E DIO: Write failed for disk *dio_disk_name* ; **attempted=dio_byte_count, actual=dio_byte_count**

Explanation: No additional information is available for this message.

HSTDI0038E DIO: Read failed for disk *dio_disk_name* ; **attempted=dio_byte_count, actual=dio_byte_count**

Explanation: No additional information is available for this message.

HSTDI0039E Active file system mount point, *dio_mount_point*, **specified.**

Explanation: No additional information is available for this message.

HSTDI0040E dioDiskCtlBlk: Error *dio_result_code* **occurred opening disk** *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0041E dioDiskCtlBlk: fstat error *dio_result_code* **for disk** *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0042E dioDiskCtlBlk: ioctl error *dio_result_code* **for disk** *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0043E dioDiskCtlBlk: Device *dio_device_name* **is not a disk or is not a supported disk type.**

Explanation: No additional information is available for this message.

HSTDI0044E dioDiskCtlBlk: Unsupported file type *dio_file_type* **for disk** *dio_disk_name*

Explanation: No additional information is available for this message.

HSTDI0045E DIO: Disk *dio_disk_name* **could not be generated because the size** *dio_file_size***MB exceeds the maximum file size.**

Explanation: No additional information is available for this message.

HSTDI0046E DIO: Error creating file *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0047E DIO: Write failed for file *dio_file_name* **because there is insufficient disk space.**

Explanation: No additional information is available for this message.

HSTDI0048E DIO: Write failed for file *dio_file_name* **with error** *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0049E DIO: Duplicate handle (*dio_handle_id*) **returned by open.**

Explanation: No additional information is available for this message.

HSTDI0050E DIO: A disk handle that was not valid was passed to executeIO:*dio_io_handler*

Explanation: No additional information is available for this message.

HSTDI0051E DIO: Error *dio_result_code* opening file *dio_file_name* for writing.

Explanation: No additional information is available for this message.

HSTDI0052E DIO: Only *dio_byte_count* of *dio_byte_count* bytes were written to *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0053E DIO: Error reading file *dio_file_name*

Explanation: No additional information is available for this message.

HSTDI0054E DIO: Write or read failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0055E DIO: Write or read failed for disk *dio_disk_name* ; attempted=*dio_byte_count*, actual=*dio_byte_count*

Explanation: No additional information is available for this message.

HSTDI0056E DIO: Error deleting file *dio_file_name*: *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0057E DIO: Error deleting file *dio_file_name*: *dio_result_code*

Explanation: No additional information is available for this message.

HSTDI0058E DIO: Error deleting file *dio_file_name*: *dio_result_code*

Explanation: No additional information is available for this message.

HSTDP0001E Thread monitoring services were not started.

Explanation: No additional information is available for this message.

HSTDP0002E Dispatcher startup failed. Could not start the required number of high priority threads.

Explanation: No additional information is available for this message.

HSTDP0003E Dispatcher startup failed. Could not start all administrative priority threads.

Explanation: No additional information is available for this message.

HSTDP0004E Dispatcher startup failed. Could not start worker threads for normal and master priorities.

Explanation: No additional information is available for this message.

HSTDP0005E Warning: Only *dsp_thread_count* of *dsp_thread_count* dispatcher worker threads for normal priority and master priority could be started.

Explanation: No additional information is available for this message.

HSTDP0006I Callback registration failed for *dsp_thread_count*.

Explanation: No additional information is available for this message.

HSTDP0007I The cluster is quiesced, and there are no more administrative threads.

Explanation: No additional information is available for this message.

HSTDP0008I Emergency thread could not be started.

Explanation: No additional information is available for this message.

HSTDP0009I There was a request for *dsp_thread_count* new threads, but only *dsp_thread_count* threads were created.

Explanation: No additional information is available for this message.

HSTDP0010W There are no more administrative threads available to service the request.

Explanation: A request came in for an administrative command but there are no admin threads available to service the request.

Action: Try the command again at a later time or try the command in an existing administrative session.

HSTEV0001E Error installing Callback for variable=*event_snmp_table*

Explanation: No additional information is available for this message.

HSTEV0002E An error occurred while sending trap message. Message ID = *event_snmp_message_id*

Explanation: No additional information is available for this message.

HSTEV0003E Cannot find file *event_snmp_file_name*. SNMP will be disabled.

Explanation: No additional information is available for this message.

HSTFS0023E Salvage free space map. Vector index=*fs_vector_index* vector word=*fs_vector_word* bits used=*fs_bits_used*

Explanation: No additional information is available for this message.

HSTFS0024E Container free space map index version *fs_version* should be *fs_version* Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0025S Container free space map index root page is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0026S Container free space map index left sibling is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0027E Unable to lock page. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0028S Container free space map index right sibling is not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0029E Container free space map index maximum records is not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0030E Container check free space map index payload is not NULL. Does not agree. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0031E Container free space map index record count is not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0032E Container free space map index first reserved space is not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0033E Container free space map index second reserved space is not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0034E Container free space map index third reserved space is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0035E Container free space map index fourth reserved space is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0036E Container free space map index fifth reserved space is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0037E Container free space map index sixth reserved space is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0038E Container free space map index seventh reserved space is not correct Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0039E Container free space map leaf version *fs_free_space_map_version* should be *fs_free_space_map_version* Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0040E Container free space map leaf first reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0041E Container free space map leaf left sibling is not correct Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0042E Unable to lock page Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0043E Container free space map leaf right sibling is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0044E Container free space map leaf second reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0045E Container free space map leaf low bit is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0046E Container free space map leaf high bit is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0047E Container free space map leaf word capacity is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0048E Container free space map leaf occupied words is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0049E OBSOLETE Container free space map leaf bits *0xfs_free_space_bit_mask* should be *0xfs_free_space_bit_mask* Container=*fs_container_id* FS Map page=*fs_page_number* Vector index=*fs_vector_index*

Explanation: No additional information is available for this message.

HSTFS0050E Container free space map leaf bits used *fs_free_space_bit_mask* should be *fs_free_space_bit_mask* Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0051E Container free space map leaf bits are not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0052E Container free space map leaf index is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0053E Container free space map leaf third reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0054E Container free space map leaf fourth reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0055E Container free space map leaf fifth reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0056E Container free space map leaf sixth reserved space is not correct. Container=*fs_container_id* FS Map page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0057E Unable to lock page. Error code *result_code* Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0058E PageType=0x*fs_page_type_value* not part of an fsMap. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0059E Container free space map index root page sibling pointers not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0060E Container checker free space map index root page sibling pointers not correct. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTFS0061E Unable to lock page. Error code *result_code* container=*fs_container_id* Metadata checker temporary FS Map root page=*fs_page_number*

Explanation: The metadata checker was unable to lock a database page. Probably a conflict with another application.

Action: Run the metadata check again.

**HSTFS0062E Container free space map leaf bits 0xfs_free_space_bit_mask should be 0xfs_free_space_bit_mask
Container=fs_container_name (fs_container_id), FS Map page=fs_page_number Vector
index=fs_vector_index**

Explanation: The metadata checker detected the free space bit map bits are incorrect.

Action: If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. In repair mode, this error will still appear but the problem will be corrected.

HSTGI0001I Scanning for global disk volumes.

Explanation: No additional information is available for this message.

HSTGI0002I Global disk scan complete.

Explanation: No additional information is available for this message.

HSTGI0003I Disk gio_local_disk_name configured with global ID gio_global_disk_id.

Explanation: No additional information is available for this message.

HSTGI0004E GIO: The number of disk transfer orders specified was invalid.

Explanation: No additional information is available for this message.

HSTGI0005E GIO: Global Id @1@2 could not be resolved for I/O.

Explanation: No additional information is available for this message.

HSTGI0006E GIO scan disk: prepare failed. RC = gio_result_code.

Explanation: No additional information is available for this message.

**HSTGI0007E GIO scan disk: Disks do not match master. Master disk count = gio_master_disk_count, Master Disk
hash = gio_master_disk_hash, Local disk count = gio_local_disk_count, Local disk hash =
gio_local_disk_hash.**

Explanation: No additional information is available for this message.

HSTGI0008E GIO scan disk: Too many master disks found, count = gio_master_disk_count.

Explanation: No additional information is available for this message.

HSTGI0009E GIO Start: Failed to register 2PC callback functions.

Explanation: No additional information is available for this message.

HSTGI0010E Global Disk I/O Manager failed to decommission disk.

Explanation: No additional information is available for this message.

**HSTGI0011S CALLHOME: Global Disk I/O Manager prepare failed because disks were not configured. The
server process is stopping.**

Explanation: No additional information is available for this message.

HSTGS0001I GS: Installing. Cluster ID = *gs_cluster_id*

Explanation: No additional information is available for this message.

HSTGS0002E GS: Boot record install failed. RC = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0003W Warning. GS: Header size mismatch: sizeof(*gsMsgSession::gsMsgHdr*) = *gs_header_size*, sizeof(*GS::MsgHdr*) = *gs_header_size*

Explanation: No additional information is available for this message.

HSTGS0004E GS: Initialization failed. IP address *gs_ip_address* is bound to non-operational interface *gs_nic_name*

Explanation: No additional information is available for this message.

HSTGS0005W Warning. GS: Cannot start with a zero (0) IP address.

Explanation: No additional information is available for this message.

HSTGS0006W Warning. GS: Failed to get netmask info { netmask_1 = *gs_netmask_name* }

Explanation: No additional information is available for this message.

HSTGS0007W Warning. You have specified the loopback as one of the IP addresses. This is a developer-only feature for running multiple servers/client on a single node. Multi-node clusters and some high availability functionality will not work in this configuration.

Explanation: No additional information is available for this message.

HSTGS0008I Server cluster ID is *gs_cluster_id*, server node ID is *gs_node_id*. Starting cluster services.

Explanation: No additional information is available for this message.

HSTGS0009E GS: Start as a singleton failed

Explanation: No additional information is available for this message.

HSTGS0010E GS: Start with hint failed

Explanation: No additional information is available for this message.

HSTGS0011E GS: Start normal failed

Explanation: No additional information is available for this message.

HSTGS0012I GS: <iid=*gs_install_id*, cid=*gs_cluster_id*, gid=*gs_group_id*, nid=*gs_node_id*, (MS=*gs_master_state*, SS=*gs_subordinate_state*)>

Explanation: No additional information is available for this message.

HSTGS0013I GS: nodeId=*gs_node_id*, IP=*gs_ip_address*, port=*gs_port_id*

Explanation: No additional information is available for this message.

HSTGS0014I GS: nodeId=gs_node_id, IP1=gs_ip_address, IP2=gs_ip_address, port=gs_port_id

Explanation: No additional information is available for this message.

HSTGS0015E GS: Error storing bootstrap record.

Explanation: No additional information is available for this message.

HSTGS0016E GS: Error storing committed bootstrap record

Explanation: No additional information is available for this message.

HSTGS0017E GS: Error storing local bootstrap file.

Explanation: No additional information is available for this message.

HSTGS0018E GS: Could not read the boot record

Explanation: No additional information is available for this message.

HSTGS0019E GS: 2PC command was not called on the master.

Explanation: No additional information is available for this message.

HSTGS0020E GS: 2PC message payload is too large.

Explanation: No additional information is available for this message.

HSTGS0021E GS: 2PC input array is too small: gs_2pc_array_size.

Explanation: No additional information is available for this message.

HSTGS0022E GS: Concurrent 2PC transitions not supported. MastTwoPCInst state=gs_2pc_state SubTwoPCInst state=gs_2pc_state

Explanation: No additional information is available for this message.

HSTGS0023W Group Services is already running.

Explanation: No additional information is available for this message.

HSTGS0024E Could not start session

Explanation: No additional information is available for this message.

HSTGS0025E Could not start Group Services thread

Explanation: No additional information is available for this message.

HSTGS0026E Failed to register net failover 2PC callbacks

Explanation: No additional information is available for this message.

HSTGS0027W Group Services is already running.

Explanation: No additional information is available for this message.

HSTGS0028E Could not start session

Explanation: No additional information is available for this message.

HSTGS0029E Could not start Group Services thread

Explanation: No additional information is available for this message.

HSTGS0030E Failed to register net failover 2PC callbacks

Explanation: No additional information is available for this message.

HSTGS0031E Group forming or node joining. Therefore become master command is not allowed

Explanation: No additional information is available for this message.

HSTGS0032E Could not start session

Explanation: No additional information is available for this message.

HSTGS0033E Could not start Group Services thread

Explanation: No additional information is available for this message.

HSTGS0034E Failed to register net failover 2PC callbacks

Explanation: No additional information is available for this message.

HSTGS0035E Duplicate node name. Name = *gs_node_name*

Explanation: No additional information is available for this message.

HSTGS0036E Node cannot be commissioned. The name is not valid.

Explanation: No additional information is available for this message.

HSTGS0037E Callback for *gs_callback_name* protocol returned error code. RC = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0038I The master is beginning to reform the group. Commissioning a new server.

Explanation: No additional information is available for this message.

HSTGS0039E Failed to commission node

Explanation: No additional information is available for this message.

HSTGS0040I The master is beginning to reform the group. Decommissioning the server that is down.

Explanation: No additional information is available for this message.

HSTGS0041W Error. Send of takeover message on decommission of master. You will probably have to manually stop the node.

Explanation: No additional information is available for this message.

HSTGS0042E GS: Decommissioning the master is not allowed in R1. First, you must move the master using the setmaster command. Then, you can decommission this node.

Explanation: No additional information is available for this message.

HSTGS0043I The master is beginning to reform the group. Decommissioning the server.

Explanation: No additional information is available for this message.

HSTGS0044I The master is beginning to reform the group. Shutting down the remote server.

Explanation: No additional information is available for this message.

HSTGS0045E GS: Shutting down the master is not allowed in R1. First, you must move the master using the setmaster command. Then, you can shut down this node.

Explanation: No additional information is available for this message.

HSTGS0046E The master is beginning to reform the group.

Explanation: No additional information is available for this message.

HSTGS0047I The master is beginning to reform the group. Server *joining_server_name* is Joining.

Explanation: No additional information is available for this message.

HSTGS0048I The master is beginning to reform the group (minority group).

Explanation: No additional information is available for this message.

HSTGS0049I The master is ending the reformation of the group (*gs_group_id*): Uninitialized.

Explanation: No additional information is available for this message.

HSTGS0050W The master is ending the reformation of the group (*gs_group_id*): Failed to become master, back off.

Explanation: No additional information is available for this message.

HSTGS0051E GS: Internal error occurred during cluster transition. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0052E The master is ending the reformation of the group (*gs_group_id*): Failed to become master, no quorum disk lock.

Explanation: No additional information is available for this message.

HSTGS0053W The master is ending the reformation of the group (*gs_group_id*): Group halted during transition.

Explanation: No additional information is available for this message.

HSTGS0054E GS: Aborting: group transition abort not yet supported (*gs_group_id*).

Explanation: No additional information is available for this message.

HSTGS0055E The master is ending the reformation of the group (*gs_group_id*): There is no majority, so the group failed to form.

Explanation: No additional information is available for this message.

HSTGS0056E The master is ending the reformation of the group (*gs_group_id*): Failed to form group.

Explanation: No additional information is available for this message.

HSTGS0057I The master is ending the reformation of the group (*gs_group_id*): OK.

Explanation: No additional information is available for this message.

HSTGS0058E Join: No forwarding address for the Master.

Explanation: No additional information is available for this message.

HSTGS0059E The join was rejected. Shutting down and restarting.

Explanation: No additional information is available for this message.

HSTGS0060E An attempt was made to join the group, but could not communicate with the cluster master.

Explanation: No additional information is available for this message.

HSTGS0061E Error. Send of takeover message on shutdown of master. You will probably have to manually stop the node.

Explanation: No additional information is available for this message.

HSTGS0062E GS: Cannot start diskhb monitor in cluster. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0063E GS: Cannot start diskhb monitor in single node. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0064E Group ended during failover.

Explanation: No additional information is available for this message.

HSTGS0065E GS: NIC failover: Failed to deliver hb to master. RC = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0066I The subordinate is ending reformation of group (*gs_group_id*): OK.

Explanation: No additional information is available for this message.

HSTGS0067E The subordinate is ending reformation of group (*gs_group_id*): Abort.

Explanation: No additional information is available for this message.

HSTGS0068I The subordinate is beginning to reform group

Explanation: No additional information is available for this message.

HSTGS0069I The master is beginning to reform group: Departing server.

Explanation: No additional information is available for this message.

HSTGS0070E Received HError message for nonexistent server.

Explanation: No additional information is available for this message.

HSTGS0071W Node already out of group.

Explanation: No additional information is available for this message.

HSTGS0072E The master is beginning NIC failover thread.

Explanation: No additional information is available for this message.

HSTGS0073E GS: Failed to start NIC Failover Thread

Explanation: No additional information is available for this message.

HSTGS0074E The master is beginning to reform group: Ejecting failed server *failed_server_name*.

Explanation: No additional information is available for this message.

HSTGS0075E GS: 2PC abort command not called on master.

Explanation: No additional information is available for this message.

**HSTGS0076S GS: Cannot start diskhb monitor. The server process is stopping. RC = *gs_result_code*
Call=*gs_log_instance***

Explanation: No additional information is available for this message.

HSTGS0077E Node at ip:port *gs_ip_address:gs_port_id* rejected commission. RC = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0078E GS: Boot record is not in a valid format.

Explanation: No additional information is available for this message.

HSTGS0079S GS: A fatal I/O error occurred while loading the group.

Explanation: No additional information is available for this message.

HSTGS0080S GS: Central boot record does not match local boot strap file. You may have a corrupted local file.

Explanation: No additional information is available for this message.

HSTGS0081E GS: This node is uncommissioned.

Explanation: No additional information is available for this message.

HSTGS0082E GS: Commission failed due to callback error. RC = *gs_result_code*.

Explanation: No additional information is available for this message.

HSTGS0083E GS: Commission rejected due to network mismatch with master.

Explanation: No additional information is available for this message.

HSTGS0084E GS: Failed to configure devices for cluster *gs_cluster_id*.

Explanation: No additional information is available for this message.

HSTGS0085S A fatal I/O error occurred during commission.

Explanation: No additional information is available for this message.

HSTGS0086E Sending of commission response to IP address: *gs_ip_address*, port: *gs_port_id* failed. RC = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0087W GS: Node is going down due to a configuration parameter mismatch during commission.

Explanation: No additional information is available for this message.

HSTGS0088E GS: Node is going down due to a configuration file write error during commission.

Explanation: No additional information is available for this message.

HSTGS0089E GS: Failed to fork off Group Services 2PC prepare thread

Explanation: No additional information is available for this message.

HSTGS0090E GS: Lookup (remove=*gs_nic_id*) of two phase commit data *gs_2pc_id* failed.

Explanation: No additional information is available for this message.

HSTGS0091E NIC Failover begin: The group pointer is NULL.

Explanation: No additional information is available for this message.

HSTGS0092E NIC Failover prepare: The group pointer is NULL.

Explanation: No additional information is available for this message.

HSTGS0093E NIC Failover prepare: Could not find data for tpcid=*gs_tpc_id*

Explanation: No additional information is available for this message.

HSTGS0094E NIC Failover commit/abort: The group pointer is NULL.

Explanation: No additional information is available for this message.

HSTGS0095E Failure in NIC Failover: The current group is not equal to data.curGroup

Explanation: No additional information is available for this message.

HSTGS0096E Master sock initializaton for sending ping response to IP address: *gs_ip_address*, port: *gs_port_id* failed.

Explanation: No additional information is available for this message.

HSTGS0097E Master sock initializatoin for sending End-Group response to IP address: *gs_ip_address*, port: *gs_port_id* failed.

Explanation: No additional information is available for this message.

HSTGS0098S CALLHOME: Attempting a graceful shutdown of the group, but it is already halted. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0099S CALLHOME: Group Services have been forcibly halted. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0100E GS: Group Array: Out of memory.

Explanation: No additional information is available for this message.

HSTGS0101E GS: gsGroupArray::install. A fatal I/O error occurred.

Explanation: No additional information is available for this message.

HSTGS0102E GS: gsGroupArray::install. A shared partition write failed.

Explanation: No additional information is available for this message.

HSTGS0103S GS: gsGroupArray::load. A fatal I/O error occurred.

Explanation: No additional information is available for this message.

HSTGS0104S CALLHOME: GS: gsGroupArray::load. A fatal I/O error occurred. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0105E GS: gsGroupArray::load. A shared partition read failed.

Explanation: No additional information is available for this message.

HSTGS0106E GS: gsGroupArray::load. The boot record is not in a valid format

Explanation: No additional information is available for this message.

HSTGS0107E GS: gsGroupArray::load. Incompatible version 1.

Explanation: No additional information is available for this message.

HSTGS0108E GS: gsGroupArray::load. Incompatible version 2.

Explanation: No additional information is available for this message.

HSTGS0109S GS: A fatal I/O error occurred while loading group from shared partition.

Explanation: No additional information is available for this message.

HSTGS0110E GS: gsGroupArray::load. A shared partition read failed.

Explanation: No additional information is available for this message.

HSTGS0111S GS: gsGroupArray::load. A fatal I/O error occurred.

Explanation: No additional information is available for this message.

HSTGS0112S CALLHOME: GS: gsGroupArray::load. A fatal I/O error occurred. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0113S CALLHOME: Forced abort in gsgrouparray.C, line *gs_line_number*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTGS0114E GS: gsGroupArray::load. A shared partition read failed with RC = *gs_result_code*.

Explanation: No additional information is available for this message.

HSTGS0115E GS: gsGroupArray::load. The boot record is not in a valid format

Explanation: No additional information is available for this message.

HSTGS0116E GS: gsGroupArray::store. A fatal I/O error occurred.

Explanation: No additional information is available for this message.

HSTGS0117E GS: gsGroupArray::store. A shared partition write failed.

Explanation: No additional information is available for this message.

HSTGS0118E GS: gsGroupArray::store. A fatal I/O error occurred.

Explanation: No additional information is available for this message.

HSTGS0119E GS: gsGroupArray::store. A shared partition write failed. RC = *gs_result_code*.

Explanation: No additional information is available for this message.

HSTGS0120E GS: gsGroupArray::setMaster. The node name is not valid.

Explanation: No additional information is available for this message.

HSTGS0121E GS: gsGroupArray::setMaster. It is the master.

Explanation: No additional information is available for this message.

HSTGS0122E GS: gsGroupArray::setMaster. Cannot swap nodes.

Explanation: No additional information is available for this message.

HSTGS0123E GS: Set *gs_server_name* to master.

Explanation: No additional information is available for this message.

HSTGS0124E GS Error: Node failed to lookup server IP address = *gs_ip_address*, port = *gs_port_id*

Explanation: No additional information is available for this message.

HSTGS0125E GS Error: Failed to find a suitable left heartbeat partner.

Explanation: No additional information is available for this message.

HSTGS0126E GS Error: Failed to find a suitable right heartbeat partner.

Explanation: No additional information is available for this message.

HSTGS0127I GS: Received join subordinate response.

Explanation: No additional information is available for this message.

HSTGS0128E GSMSG: Error. Create socket failed

Explanation: No additional information is available for this message.

HSTGS0129E GSMSG: Error. Bind socket failed #gs_log_instance

Explanation: No additional information is available for this message.

HSTGS0130E GSMSG: Error. Create listener thread failed

Explanation: No additional information is available for this message.

HSTGS0131E GSMSG: Error. Initialize socket failed

Explanation: No additional information is available for this message.

HSTGS0132E GSMSG: Start error. Failed to start receiver thread

Explanation: No additional information is available for this message.

HSTGS0133E GSMSG: Check_node: Receive Error: Node ID = *gs_node_id*, IP address = *gs_ip_address*, port = *gs_port_id*, peer IP address = *gs_ip_address*, peer port = *gs_port_id*,

Explanation: No additional information is available for this message.

HSTGS0134I GSMSG: Peer IP address and port of all nodes in group follows:

Explanation: No additional information is available for this message.

HSTGS0135I Node ID(index) = *gs_node_id*, peer IP address = *gs_ip_address*, peer port = *gs_port_id*

Explanation: No additional information is available for this message.

HSTGS0136E GSMSG: Receive Error: Socket Table is NULL

Explanation: No additional information is available for this message.

HSTGS0137E GSMSG: Reliable send failed.

Explanation: No additional information is available for this message.

HSTGS0138E GSMSG: Send failed. Socket is NULL.

Explanation: No additional information is available for this message.

HSTGS0139E GSMSG: Send With Reply failed. Socket is NULL.

Explanation: No additional information is available for this message.

HSTGS0140E GSSEND: Send With Reply to IP address = *gs_ip_address*, port = *gs_port_id* failed.

Explanation: No additional information is available for this message.

HSTGS0141E GSSEND: Reply failed. Socket is NULL.

Explanation: No additional information is available for this message.

HSTGS0142E GSMSG: Error starting listener.

Explanation: No additional information is available for this message.

HSTGS0143E GSMSG: Error accepting connection.

Explanation: No additional information is available for this message.

HSTGS0144E GSRECV: Listen error. Failed to start receiver thread.

Explanation: No additional information is available for this message.

HSTGS0145E GSMSG: Receive thread exited. Error = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0146E GSMSG: Error receiving message. RC = *gs_result_code*, Socket Error = *gs_socket_result_code*, Message Length = *gs_msg_length*.

Explanation: No additional information is available for this message.

HSTGS0147E GSMSG: Initialize socket failed with IP address = *gs_ip_address*.

Explanation: No additional information is available for this message.

HSTGS0148E GSMSG: Connection to IP address = *gs_ip_address*, port *gs_port_id* failed. Error = *gs_result_code*

Explanation: No additional information is available for this message.

HSTGS0149E GSMSG: set_sock_for_comm Error. Failed to start receiver thread.

Explanation: No additional information is available for this message.

HSTGS0150E GSMSG: initMasterSock Error. Initializing master socket failed.

Explanation: No additional information is available for this message.

HSTGS0151E GS: Socket missing from Out-Of-Group-Sock table.

Explanation: No additional information is available for this message.

HSTGS0152E GS: gsQuorumDiskLock install: Invalid sector size.

Explanation: No additional information is available for this message.

HSTGS0153E GS: gsQuorumDiskLock install: Out of memory.

Explanation: No additional information is available for this message.

HSTGS0154E No Tank.Bootstrap file. This node is uncommissioned.

Explanation: No additional information is available for this message.

HSTGS0155E Group Services protocol crash during commit message (unit testing).

Explanation: No additional information is available for this message.

HSTGS0156E Group Services protocol crash at the end of group message (unit testing).

Explanation: No additional information is available for this message.

HSTGS0157E Group Services protocol crash at ping message (unit testing).

Explanation: No additional information is available for this message.

HSTGS0158E Group Services protocol crash at group message (unit testing).

Explanation: No additional information is available for this message.

HSTGS0159E Group Services protocol crash after commit response sent (unit testing).

Explanation: No additional information is available for this message.

HSTGS0160E GS: Error. Master failed to form group (RC = *gs_result_code*). Aborting master server.

Explanation: No additional information is available for this message.

HSTGS0161E GS: Error. Failed to load group or locate node in the static cluster (RC = *gs_result_code*).

Explanation: No additional information is available for this message.

HSTGS0162E Subordinate lost master of group (*gs_group_id*)

Explanation: No additional information is available for this message.

HSTGS0163I Group formation in progress. Forwarded by master. Join will be tried again.

Explanation: No additional information is available for this message.

HSTGS0164I Concurrent start and stop callbacks were issued.

Explanation: No additional information is available for this message.

HSTGS0165E GS: Commission rejected due to version incompatibility. RC = *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTGS0166E Group Services send error at shutdown (unit testing).

Explanation: No additional information is available for this message.

HSTGS0167E Group Services send error at join (unit testing).

Explanation: No additional information is available for this message.

HSTGS0168E Group Services need all voting (unit testing).

Explanation: No additional information is available for this message.

HSTGS0169E Form group thread failed to stop as master. Return code (*cm_result_code*)

Explanation: No additional information is available for this message.

HSTGS0170E Form group thread failed master startup phase 1. Return code (*cm_result_code*)

Explanation: No additional information is available for this message.

HSTGS0171E Form group thread failed master startup phase 2. Return code (*cm_result_code*)

Explanation: No additional information is available for this message.

HSTGS0172E Failed to send the commit message response to master, subordinate has lost master node.

Explanation: No additional information is available for this message.

HSTGS0173E Asynchronous start master action failed with return code (*cm_result_code*).

Explanation: No additional information is available for this message.

HSTGS0174E Asynchronous start master action failed with return code (*cm_result_code*).

Explanation: No additional information is available for this message.

HSTGS0175E Disks not scanned yet or scan failed, clusterId *gs_cluster_id*

Explanation: No additional information is available for this message.

HSTGS0176E GS: Error: Initialization of array *gs_array_name* failed

Explanation: Group array initialization failed. It either failed to get master partition sector size, or it ran out of memory.

Action: Check the machine resource and contact your service representative.

HSTGS0177E GS: Error: Cluster transition startup failed, probably due to a resource error.

Explanation: Cluster transition startup failed to create a new thread.

Action: Check the machine resource and contact your service representative.

HSTGS0178E New server rejected a join invitation. Check the parameters.

Explanation: A new Metadata server rejected a join invitation from the master Metadata server. This error is typically caused by mismatched paramters.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0179E New server does not have valid name.

Explanation: A new Metadata server sent a name that was not valid during joining process.

Action: Make sure the name is valid and does not exceed 32 bytes. If the problem persists, contact your service representative.

HSTGS0180E Received a message from previous cluster master. Stopping the newly designated master.

Explanation: When the master Metadata server suffers a hard fault, a setmaster command is typically used on a subordinate server to set a new master for the cluster. However, if the newly designated master determines that the original master is still operational, the newly designated master will stop.

Action: Ensure that the original master is really powered down and that the subordinate is up. Then,un the setmaster command on the subordinate again.

HSTGS0181E Server ABORTING...

Explanation: If the cluster is shutdown due to any reason other than an Admin initiated shutdown then we output an error message to the log before Shutting down.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0182I ADMIN SHUTDOWN.... HALTING CLUSTER SERVICES

Explanation: If the ADMIN shuts the server down then we treat that as not being an error. We append an informational message to the Log and shutdown gracefully

Action: No action is required.

HSTGS0183I GS MESSAGE SESSION USING UDP

Explanation: No additional information is available for this message.

HSTGS0184I GS MESSAGE SESSION USING TCP

Explanation: No additional information is available for this message.

HSTGS0185S Irrecoverable loss of metadata server node *failednode_name* with IP:cluster_port = *failednode_ip_address*:*failednode_port*. Master node is *masternode_name* with IP:cluster_port = *masternode_ip_address*:*masternode_port* Local node is *local_name* with IP:cluster_port = *local_ip_address*:*local_port* Failover designate node is *designate_name*

Explanation: There is an irrecoverable matadata server loss.

Action: The defined actions like failover script or admin notification will be started.

HSTGS0186I Local node *local_name*, has detected the loss of master node *mast_name* but the local node is not in the current group. No action.

Explanation: When a subordinate metadataserver detects the irrecoverable loss of the master metadataserver, it may execute an HA failover action script. When a subordinate initializes but is in a network partition, or detects that it is in a partition and the master has already re-formed the group, it does not attempt to execute the failover script but simply prints a log message.

Action: No action required, review server and cluster logs. If the network partition is repaired and conectivity with the master is restored, the subordinate will automatically re-join the cluster.

HSTGS0187I The subordinate is attempting to become the new master node.

Explanation: The setmaster command was issued on a subordinate node.

Action: No action is required. Review the logs to verify that the subordinate has become the new master node and re-formed the new group.

HSTHA0001E HAMMON: Error: Create socket failed.

Explanation: No additional information is available for this message.

HSTHA0002E HAMMON: Error: Bind socket failed.

Explanation: No additional information is available for this message.

HSTHA0003S HAM: Fatal error: High Availability Manager already started.

Explanation: No additional information is available for this message.

HSTHA0004E HAM: Failed to initialize network heartbeat system.

Explanation: No additional information is available for this message.

HSTHA0005E HAM: Cannot initialize disk hb system..

Explanation: No additional information is available for this message.

HSTHA0006E HAM: Failed to fork failover management thread.

Explanation: No additional information is available for this message.

HSTHA0007S Aborting: Failed to start net path LEFT 1

Explanation: No additional information is available for this message.

HSTHA0008E HAM: Failed to start one heartbeat monitor to left neighbor.

Explanation: No additional information is available for this message.

HSTHA0009S Aborting: Failed to start net path RIGHT 1

Explanation: No additional information is available for this message.

HSTHA0010E HAM: Failed to start one heartbeat monitor to right neighbor.

Explanation: No additional information is available for this message.

HSTHA0011E Stop network heartbeat failed.

Explanation: No additional information is available for this message.

HSTHA0012I No disk HB in R1, disable me...

Explanation: No additional information is available for this message.

HSTHA0013E HAM: Group ID inconsistent between Group Services and High Availability Manager.

Explanation: No additional information is available for this message.

HSTHA0014E HAM: Cluster ID inconsistent between Group Services and High Availability Manager.

Explanation: No additional information is available for this message.

HSTHA0015S Aborting. Disk heartbeat event not expected.

Explanation: No additional information is available for this message.

HSTHA0016E HAM: reportEvent(disk): Invalid monitor type High Availability Manager: *ham_monitor_type*

Explanation: No additional information is available for this message.

HSTHA0017E HAM: reportEvent(disk) event reported for non-neighbor node NodeId *ham_node_id*

Explanation: No additional information is available for this message.

HSTHA0018E HAM: Failed to allocate new Q element.

Explanation: No additional information is available for this message.

HSTHA0019E HAM: Monitor type is not valid.

Explanation: No additional information is available for this message.

HSTHA0020E HAM: Monitor event is not valid.

Explanation: No additional information is available for this message.

HSTHA0021I HAM: Resource is already in a failed state. No event was reported.

Explanation: No additional information is available for this message.

HSTHA0022I HAM: NIC failover completed, result=(COMMIT).

Explanation: No additional information is available for this message.

HSTHA0023I HAM: NIC failover completed, result=(ABORT).

Explanation: No additional information is available for this message.

HSTHA0024E Received network hb failure event for node not in cluster.

Explanation: No additional information is available for this message.

HSTHA0025E Invalid state detected in High Availability Manager failure management thread: *ham_state_value*

Explanation: No additional information is available for this message.

HSTHA0026E HAM:High Availability Manager state *ham_state_value* is not valid.

Explanation: No additional information is available for this message.

HSTHA0027S HAM: Node failover failed.

Explanation: No additional information is available for this message.

HSTHA0028W HAM DECISION: --- TRANSIENT CONDITION ----

Explanation: No additional information is available for this message.

HSTHA0029E HAM DECISION: --- SERVER LOSS DETECTED ----

Explanation: No additional information is available for this message.

HSTHA0030E HAM DECISION: --- LOCAL NET FAILURE ----

Explanation: No additional information is available for this message.

HSTHA0031E HAM DECISION: --- REMOTE NET FAILURE ----

Explanation: No additional information is available for this message.

HSTHA0032S HAM DECISION: --- TOTAL NET LOSS FAILURE ----

Explanation: No additional information is available for this message.

HSTHA0033W HAM DECISION: --- NETWORK PARTITION ----

Explanation: No additional information is available for this message.

HSTHA0034E HAM DECISION: --- NODE/OS LOSS DETECTED ----

Explanation: No additional information is available for this message.

HSTHA0035E HAM: NIC*ham_nic_id* has failed. IP = *ham_ip_address*

Explanation: No additional information is available for this message.

HSTHA0036E HAM: Error: Refusing to fail over an IP that is marked bad.

Explanation: No additional information is available for this message.

HSTHA0037E HAM: Failed to launch on-demand operating system ping monitor.

Explanation: No additional information is available for this message.

HSTHA0038W HAM: All nodes are visible but not all gateways.

Explanation: No additional information is available for this message.

HSTHA0039S Gateway paths are OK, but node paths failed. The server process is stopping.

Explanation: No additional information is available for this message.

HSTHA0040W HAM: No path to primary gateway *ham_gateway_name*

Explanation: No additional information is available for this message.

HSTHA0041W HAM: No path to secondary gateway *ham_gateway_name*

Explanation: No additional information is available for this message.

HSTHA0042E HAM: Monitor type in `report_event()` is not valid.

Explanation: No additional information is available for this message.

HSTHA0043E HAM: Gateways supplied for IP1 and IP2 are not valid.

Explanation: No additional information is available for this message.

HSTHA0044E HAM initialization failed: IP1 and IP2 are the same: IP1 = *ham_ip_address*, IP2 = *ham_ip_address*

Explanation: No additional information is available for this message.

HSTHA0045E HAM: Failover failed.

Explanation: No additional information is available for this message.

HSTHA0046I Failed to allocate a new thread context

Explanation: No additional information is available for this message.

HSTHA0047I Hang Recovery..... *ham_recovery*

Explanation: No additional information is available for this message.

HSTHA0048I Server Hang Detection thread started

Explanation: No additional information is available for this message.

HSTHA0049I Injected a Normal processing delay in *ham_worker_thread*

Explanation: No additional information is available for this message.

HSTHA0050I Injected a Priority processing delay in *ham_worker_thread*

Explanation: No additional information is available for this message.

HSTHA0051I Cannot set thread state. The state is not valid.

Explanation: No additional information is available for this message.

HSTHA0052I Null thread context

Explanation: No additional information is available for this message.

HSTHA0053I Thread state is not valid.

Explanation: No additional information is available for this message.

HSTHA0054I Thread context was not found: *ham_thread_id*

Explanation: No additional information is available for this message.

HSTHA0055I Server hang detection scale factor = *ham_scale_factor*. It is not valid.

Explanation: No additional information is available for this message.

HSTHA0056E Server internal deadlock or hang detected.

Explanation: No additional information is available for this message.

HSTHA0057E High Availability Manager in shutdown state: Server hang thread returning

Explanation: No additional information is available for this message.

HSTHA0058E *ham_api_msg*

Explanation: No additional information is available for this message.

HSTHA0059E Socket receive error. The server process is stopping.

Explanation: No additional information is available for this message.

HSTHA0060E Fatal I/O error. The server process is stopping.

Explanation: No additional information is available for this message.

HSTHA0061W Abort Aborted because debug set: *cm_abort_flags*

Explanation: No additional information is available for this message.

HSTHA0062I Server hang thread disabled by error injection

Explanation: No additional information is available for this message.

HSTHA0063W Thread either long-living, bottlenecked, deadlocked, or hung: name=*ham_pool_name*,
threadId=*ham_thread_id*, iteration=*ham_iteration*

Explanation: No additional information is available for this message.

HSTHA0064I The following failover script will be executed: *failover_script_cmdline*

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: No action required, review server and cluster logs to see if the failover action was successful. The action will vary depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0065I Launching failover script: *failover_script_cmdline*

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: No action required, review server and cluster logs to see if the failover action was successful. The action will vary depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0066I The failover script execution completed successfully

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: No action required, review server and cluster logs to verify the failover actions. The action will vary

depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0067E The failover script execution failed with return code: *return_code*

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: Check log.std and log.failover to see what failed. The failover action will vary depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0068I Failover script launched successfully. Look in /usr/tank/server/log/log.failover for details. If it does not exist then please look in /var/log/messages for more details NOTE: The failover script will do nothing if its not enabled. Please refer to SANFS documentation for information on how to enable.

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: No action required, review server and cluster logs to verify the failover actions. The action will vary depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0069E Failover script launch failed with return code: *return_code* Look in /usr/tank/server/log/log.failover for details. If it does not exist then please look in /var/log/messages for more details NOTE: The failover script will do nothing if its not enabled. Please refer to SANFS documentation for information on how to enable.

Explanation: When a metadataserver detects the irrecoverable loss of another cluster metadataserver, it executes an HA failover action script.

Action: Check log.std and log.failover to see what failed. The failover action will vary depending on if the lost node was the master server, or a subordinate, and depending on the workload of the lost node and the designated failover node.

HSTHA0070I Unable to fork failover script execution thread.

Explanation: The High Availability Manager was unable to create a thread to execute the failover script.

Action: See the server logs.

HSTLM0001E LMRep: Unable to start cache manager thread.

Explanation: No additional information is available for this message.

HSTLM0002E DowngradeDataLock: objId *lm_object_id*: clientId *lm_client_id*: invalid downgrade: *lm_data_lock_mode* -> *lm_data_lock_mode*.

Explanation: No additional information is available for this message.

HSTLM0003E ReassertDataLock: objId *lm_object_id*: clientId *lm_client_id*, mode *lm_mode* conflicts with clientId *lm_object_id*, mode *lm_mode*.

Explanation: No additional information is available for this message.

HSTLM0004E ReassertDataLock: objId *lm_object_id*: clientId *lm_client_id*, mode *lm_mode* incompatible with altId *lm_client_id*, mode *lm_mode*.

Explanation: No additional information is available for this message.

HSTLM0005E Error. Could not find data lock latch to release, objId @1

Explanation: No additional information is available for this message.

HSTLM0006E DowngradeSessionLock: objId *lm_object_id*: clientId *lm_client_id*: invalid downgrade: *lm_lock_mode* -> *lm_lock_mode*.

Explanation: No additional information is available for this message.

HSTLM0007E ReassertSessionLock: objId *lm_object_id*: clientId *lm_client_id*, mode *lm_mode* conflicts with clientId *lm_client_id*, mode *lm_mode*.

Explanation: No additional information is available for this message.

HSTLM0008E ReassertSessionLock: objId *lm_object_id*: clientId *lm_client_id*, mode *lm_mode* incompatible with altId *lm_client_id*, mode *lm_mode*.

Explanation: No additional information is available for this message.

HSTLM0009E demandContainerSessionLocks(): Session lock demand denied for OID @1

Explanation: No additional information is available for this message.

HSTLM0010E LMRep: Unable to start cache manager thread.

Explanation: No additional information is available for this message.

HSTLM0011E demand_data_lock: Timed out: Client ID=*client_id*, Requesting client ID=*client_id*, Object ID=*object_id*, Demand type=*demand_type*, Demanded mode=*demand_mode* (no response in *number_of_seconds* seconds).

Explanation: The specified client did not respond to a data lock demand within the allowed number of seconds. The client's lease will expire and then corrective actions will be attempted.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0012E Error. Could not find data lock latch to release, object ID *lm_object_id*

Explanation: No additional information is available for this message.

HSTLM0013E Set Range Lock: Error. Range is not valid

Explanation: No additional information is available for this message.

HSTLM0014E Set Range Lock: Error. Unknown flag specified

Explanation: No additional information is available for this message.

HSTLM0015E Set Range Lock: Error. Flag combination is not valid

Explanation: No additional information is available for this message.

HSTLM0016E Set Range Lock: No session lock.

Explanation: No additional information is available for this message.

HSTLM0017E Relinquish Range Lock: A range mode of None is not valid

Explanation: No additional information is available for this message.

HSTLM0018E Relinquish Range Lock: A range length of 0 is not valid

Explanation: No additional information is available for this message.

HSTLM0019E Relinquish Range Lock: No session lock.

Explanation: No additional information is available for this message.

HSTLM0020E Relinquish Range Lock: Object ID = *lm_object_id*, Client ID = *lm_client_id*, Owner ID = *lm_owner_id*, Range = *lm_range_name*: conflicts with other locks!

Explanation: No additional information is available for this message.

HSTLM0021E Relinquish Range Lock: Operation is not valid in this context.

Explanation: No additional information is available for this message.

HSTLM0022E Demand Range Lock Response: Object ID = *lm_object_id*, Client ID = *lm_client_id*, Range = *lm_range_name*: does not meet the requirements of the demand.

Explanation: No additional information is available for this message.

HSTLM0023E Demand Range Lock: Timed out: Client ID=*client_id*, Object ID=*object_id* (no response in *number_of_seconds* seconds).

Explanation: The specified client did not respond to a range lock demand within the allowed number of seconds. The client's lease will expire and then corrective actions will be attempted.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0024E Denying lock due to prior lock mode *lm_lock_id*.

Explanation: No additional information is available for this message.

HSTLM0025E demandContainerSessionLocks(): Session lock demand denied for object ID *lm_object_id*

Explanation: No additional information is available for this message.

HSTLM0026E Demand Session Lock: Timed out: Client ID=*client_id*, Object ID=*object_id* (no response in *number_of_seconds* seconds).

Explanation: The specified client did not respond to a session lock demand within the allowed number of seconds. The client's lease will expire and then corrective actions will be attempted.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0027S CALLHOME: Forced abort in *lmrep_rangelist.C*, line *lm_line_number*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTLM0028I LMRep: Warning. Created object *lm_object_id* was not found

Explanation: No additional information is available for this message.

HSTLM0029W Demand data lock: No response from client after *number_of_seconds* seconds. ClientId=*client_id*, ReqClientId=*client_id*, ObjId=*object_id*, Demand type=*demand_type*, Demand mode=*demmand_mode*.

Explanation: The specified client has not responded to a data lock demand for an unusually long period of time. This may be due to a slow or overloaded client. If this situation persists, additional warnings will be issued.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0030W Demand range lock: No response from client after *number_of_seconds* seconds. ClientId=*client_id*, ObjId=*object_id*.

Explanation: A client has not responded to a range lock demand for an unusually long period of time. This may be due to a slow or overloaded client. If this situation persists, additional warnings will be issued.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0031W Demand session lock: No response from client after *number_of_seconds* seconds. ClientId=*client_id*, ObjId=*object_id*.

Explanation: The specified client has not responded to a session lock demand for an unusually long period of time. This may be due to a slow or overloaded client. If this situation persists, additional warnings will be issued.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLM0032W demand_data_lock: No threads are available to process the data lock demand. Object ID=*object_id*, Demanded mode=*demand_mode*

Explanation: The server was unable to respond to a data lock demand because there were no threads available to service the request.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTLV0001S CALLHOME: LVM: Unable to create an instance of lvmMasterRep. The server process is stopping.

Explanation: No additional information is available for this message.

HSTLV0002E LVM: An attempt was made to store an empty disk table.

Explanation: No additional information is available for this message.

HSTLV0003E Error sending lvmDemandLPRespMsg to master. RC = *lvm_result_code*, lp No = *lvm_lp_id*, vol Id = *lvm_volume_id*

Explanation: No additional information is available for this message.

HSTLV0004E Error releasing partition. RC = *lvm_result_code*, lp No = *lvm_lp_id*, vol Id = *lvm_volume_id*

Explanation: No additional information is available for this message.

HSTLV0005E LVM installation failed. Logical Volume Manager master is already started.

Explanation: No additional information is available for this message.

HSTLV0006E LVM installation failed. Partition size is not valid.

Explanation: No additional information is available for this message.

HSTLV0007E LVM installation failed. The master disk is not configured.

Explanation: No additional information is available for this message.

HSTLV0008E LVM installation failed. Master disk is too small. For a partition size of *lvm_partition_size* MB, the capacity must be greater than *lvm_partition_size* MB.

Explanation: No additional information is available for this message.

HSTLV0009E LVM master: Logical Volume Manager already started.

Explanation: No additional information is available for this message.

HSTLV0010E LVM Master: Duplicate master disk was found.

Explanation: No additional information is available for this message.

HSTLV0011E LVM Master: Unable to locate the master disk.

Explanation: No additional information is available for this message.

HSTLV0012E LVM Master: Error *lvm_result_code* loading master record.

Explanation: No additional information is available for this message.

HSTLV0013E LVM master: Error *lvm_result_code* loading metadata from disk.

Explanation: No additional information is available for this message.

HSTLV0014E LVM master: *lvm_master_name* - Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0015E LVM master `getPartitionSize()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0016E LVM master `getSectorSize()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0017E LVM master `writeCMSector()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0018E LVM master `readCMSector()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0019E LVM master `initSharedPartitionSector()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0020E LVM master `addDisk()`: Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0021E LVM master addDisk(): Cannot allocate memory for disk control block.

Explanation: No additional information is available for this message.

HSTLV0022E LVM Add Disk failed. Disk is not configured.

Explanation: No additional information is available for this message.

HSTLV0023E Disk id *0xlv_m_disk_id* sector size does not match installation sector size.

Explanation: No additional information is available for this message.

HSTLV0024E Disk id *0xlv_m_disk_id* is too small. The capacity must be at least *lv_m_partition_size* physical partitions.

Explanation: No additional information is available for this message.

HSTLV0025E LVM master updateDisk(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0026E LVM master updateDisk(): Disk is not configured in Global Disk I/O Manager.

Explanation: No additional information is available for this message.

HSTLV0027E LVM master fetchDisk(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0028E LVM master createVolumes(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0029E LVM master createVolumes(): Memory allocation failed.

Explanation: No additional information is available for this message.

HSTLV0030E LVM master CreateVolumes: An attempt was made to create a volume with a NULL class.

Explanation: No additional information is available for this message.

HSTLV0031E LVM master CreateVolumes: An attempt was made to create a volume with NULL volume ID.

Explanation: No additional information is available for this message.

HSTLV0032E LVM master CreateVolumes: Volume class *lv_m_volume_class* Volume ID *lv_m_volume_id* already exists.

Explanation: No additional information is available for this message.

HSTLV0033E LVM master findVolume(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0034E LVM master destroyVolumes(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0035E LVM master DestroyVolumes: An attempt was made to destroy a volume with a NULL volume ID.

Explanation: No additional information is available for this message.

HSTLV0036E LVM master DestroyVolumes: Volume ID *lvm_volume_id* does not exist.

Explanation: No additional information is available for this message.

HSTLV0037E LVM master lockLV(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0038E LVM master lockLP(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0039E LVM master unlockLP(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0040E LVM master unlockLV(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0041E LVM master extendLV(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0042E LVM master formatLV(): Logical Volume Manager master was not started.

Explanation: No additional information is available for this message.

HSTLV0043W Alert. The storage pool usage for the Logical Volume Manager has exceeded its alert percentage of *lvm_pool_size%%* with a new allocation of *lvm_pool_size%%*.

Explanation: No additional information is available for this message.

HSTLV0044S Alert. The server is stopping.

Explanation: No additional information is available for this message.

HSTLV0045S CALLHOME: Alert. The server is stopping.

Explanation: No additional information is available for this message.

HSTLV0046S CALLHOME: LVM: Unable to mark old master disk as a system disk.

Explanation: No additional information is available for this message.

HSTLV0047E Logical Volume Manager master node started.

Explanation: No additional information is available for this message.

HSTLV0048E Logical Volume Manager volume *lvm_volume_name* was not found.

Explanation: No additional information is available for this message.

HSTLV0049E Logical Volume Manager metadata table flush error 1.

Explanation: No additional information is available for this message.

HSTLV0050E Logical Volume Manager metadata table flush error 2.

Explanation: No additional information is available for this message.

HSTLV0051E Logical Volume Manager metadata tables flush error. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0052E An attempt to enable disk scan on subordinate nodes failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0053E An attempt to enable disk scan on subordinate nodes failed.

Explanation: No additional information is available for this message.

HSTLV0054E Scan disk failed on subordinate nodes. RC = *lvm_result_code*

Explanation: No additional information is available for this message.

HSTLV0055E Scan disk failed on subordinate nodes.

Explanation: No additional information is available for this message.

HSTLV0056E Revalidation of disk table state failed. RC = *lvm_result_code*

Explanation: No additional information is available for this message.

HSTLV0057E Revalidation of disk table state failed.

Explanation: No additional information is available for this message.

HSTLV0058E Revalidation of disk table state failed.

Explanation: No additional information is available for this message.

HSTLV0059E Revalidation of volume and partition failed.

Explanation: No additional information is available for this message.

HSTLV0060E Demand LP release to node *lvm_node_id* failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0061E Demand LP release to node *lvm_node_id* failed.

Explanation: No additional information is available for this message.

HSTLV0062E Not enough free partitions for drain. Required = *lvm_free_partitions*. Available = *lvm_free_partitions*.

Explanation: No additional information is available for this message.

HSTLV0063E GS: Lock share partition failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0064E GS: Unlock share partition failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0065E Switch Master disk failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0066E Read partition failed. RC = *lvm_result_code*. Start Sector = *lvm_sector_id*, count = *lvm_sector_count*.

Explanation: No additional information is available for this message.

HSTLV0067E Write partition failed. RC = *lvm_result_code*. Start Sector = *lvm_sector_id*, count = *lvm_sector_count*.

Explanation: No additional information is available for this message.

HSTLV0068E LVM: New Master disk verification failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0069E LVM: Read/write of old master disk label failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0070E LVM: Read/write of new master disk label failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0071E LVM: Update reserve partition map on new master disk failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0072E LVM: Find master volume failed. Integrity has been lost.

Explanation: No additional information is available for this message.

HSTLV0073E LVM: Global Disk I/O Manager failed to mark new disk as a master disk. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0074E LVM: Revalidation failed. This disk is no longer the master.

Explanation: No additional information is available for this message.

HSTLV0075E LVM demand LP release: Message send failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0076E LVM demand LP release: Response shows error. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0077E LVM redistribute partitions: This disk is no longer the master.

Explanation: No additional information is available for this message.

HSTLV0078E LVM partition allocation failed: Not enough space is available.

Explanation: No additional information is available for this message.

HSTLV0079E LVM copy partition failed: Read partition failed.

Explanation: No additional information is available for this message.

HSTLV0080E LVM copy partition failed: Write partition failed.

Explanation: No additional information is available for this message.

HSTLV0081E LVM Subordinate cache invalidation failed.

Explanation: No additional information is available for this message.

HSTLV0082E LVM verification of new master disk failed.

Explanation: No additional information is available for this message.

HSTLV0083E Global Disk I/O Manager failed to decommission disk. Diskid = *lvm_disk_id*, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0084E LVM executeListIO: Specified volume ID is not valid: *lvm_volume_id*

Explanation: No additional information is available for this message.

**HSTLV0085E LVM executeListIO: Specified page range is invalid: VolumeId=*lvm_volume_id*,
StartPage=*lvm_page_id*, PageCount=*lvm_page_count***

Explanation: No additional information is available for this message.

HSTLV0086E LVM executeListIO: Failed to lock partition: *lvm_partition_id*

Explanation: No additional information is available for this message.

HSTLV0087E LVM executeListIO: Error reading partition: *lvm_partition_id*

Explanation: No additional information is available for this message.

HSTLV0088E LVM executeListIO: Subordinate cannot see disk: *lvm_disk_num*

Explanation: No additional information is available for this message.

HSTLV0089E LVM lockVolume: Error *lvm_volume_id* sending lockLV message.

Explanation: No additional information is available for this message.

HSTLV0090E LVM lockVolume: Error code *lvm_result_code* from lockLV message.

Explanation: No additional information is available for this message.

HSTLV0091E	LVM unlockVolume: Logical Volume Manager is not started.
Explanation:	No additional information is available for this message.

HSTLV0092E	LVM unlockVolume: volume ID <i>lvm_volume_id</i> is not locked.
Explanation:	No additional information is available for this message.

HSTLV0093E	LVM unlockVolume: Error <i>lvm_result_code</i> sending unlockLV message.
Explanation:	No additional information is available for this message.

HSTLV0094E	LVM unlockVolume: Error code <i>lvm_result_code</i> from unlockLV message.
Explanation:	No additional information is available for this message.

HSTLV0095E	LVM updateFormattedCount: Error <i>lvm_result_code</i> sending formatLV message.
Explanation:	No additional information is available for this message.

HSTLV0096E	VM updateFormattedCount: Error code <i>lvm_result_code</i> from formatLV message.
Explanation:	No additional information is available for this message.

HSTLV0097E	LVM extend: Error <i>lvm_result_code</i> sending extendLV message.
Explanation:	No additional information is available for this message.

HSTLV0098E	LVM lock_partition: Error <i>lvm_result_code</i> sending lockLP message.
Explanation:	No additional information is available for this message.

HSTLV0099E	LVM lock_partition: Error code <i>lvm_result_code</i> from lockLP message.
Explanation:	No additional information is available for this message.

HSTLV0100E	Logical Volume Manager <i>lvm_object_name</i>: Disk ID <i>0xlvm_disk_id</i> is not configured by Global Disk I/O Manager.
Explanation:	No additional information is available for this message.

HSTLV0101E	LVM reassertLVLocks: Send RC = <i>lvm_result_code</i>, response RC = <i>lvm_result_code</i>
Explanation:	No additional information is available for this message.

HSTLV0102E	LVM Invalidate cache: Logical Volume Manager local not started.
Explanation:	No additional information is available for this message.

HSTLV0103E	LVM: An attempt was made to store an empty logical volume table.
Explanation:	No additional information is available for this message.

HSTLV0104E	LVM: Disk label is corrupt for disk ID = <i>lvm_disk_id</i>.
Explanation:	No additional information is available for this message.

HSTLV0105E LVM: Master record salvage failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0106E LVM: Master record reload failed. RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0107E LVM: Starting FSCK internal failed, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0108E LVM: Master record verification failed, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0109E LVM: Salvage of metadata tables failed, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0110E LVM: Verification of metadata tables failed, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0111E LVM: Metadata commit failed.

Explanation: No additional information is available for this message.

HSTLV0112E lockAllLP: Volume ID = *lvm_volume_id*. Cannot find volume or it is not locked.

Explanation: No additional information is available for this message.

HSTLV0113E LVM lockAllLP: Error *lvm_result_code* sending lockAllLP message.

Explanation: No additional information is available for this message.

HSTLV0114E LVM lockAllLP: All partition locks failed on volume ID *lvm_volume_id*, RC = *lvm_result_code*.

Explanation: No additional information is available for this message.

HSTLV0115E cleanWorkload: Set write-ahead log version failed. RC = *db_result_code*.

Explanation: No additional information is available for this message.

HSTLV0116I Logical Volume Manager metadata check stopped.

Explanation: No additional information is available for this message.

HSTLV0117E Logical Volume Manager disk table header maximum disk number is too small

Explanation: No additional information is available for this message.

HSTLV0118E Logical Volume Manager disk table disk numbers are not unique.

Explanation: No additional information is available for this message.

HSTLV0119E Logical Volume Manager disk header maximum disk count is incorrect *lvm_max_disk_number*

Explanation: No additional information is available for this message.

HSTLV0120E Logical Volume Manager disk header table magic number is incorrect
0xlvmdiskentrymagicnumber. Should be 0xlvmdiskentrymagicnumber

Explanation: No additional information is available for this message.

HSTLV0121E Logical Volume Manager disk header structure version is incorrect *lvm_structure_version*

Explanation: No additional information is available for this message.

HSTLV0122E Logical Volume Manager disk header length *lvm_header_length* **should be** *lvm_header_length*

Explanation: No additional information is available for this message.

HSTLV0123E Logical Volume Manager disk header entry count is incorrect *lvm_entry_count*

Explanation: No additional information is available for this message.

HSTLV0124E Logical Volume Manager disk header second magic number *0xlvmdiskentrymagicnumber* **should be** *0xlvmdiskentrymagicnumber*

Explanation: No additional information is available for this message.

HSTLV0125E Logical Volume Manager disk entry table first magic number *0xlvmdiskentrymagicnumber* **should be** *0xlvmdiskentrymagicnumber*

Explanation: No additional information is available for this message.

HSTLV0126E Logical Volume Manager disk entry structure version *lvm_structure_version* **should be** *lvm_structure_version*

Explanation: No additional information is available for this message.

HSTLV0127E Logical Volume Manager disk entry length *lvm_disk_entry_length* **should be** *lvm_disk_entry_length*

Explanation: No additional information is available for this message.

HSTLV0128E Logical Volume Manager disk entry disk number *lvm_disk_entry_number* **should be less than or equal to** *lvm_disk_entry_number*

Explanation: No additional information is available for this message.

HSTLV0129E Logical Volume Manager disk entry allocate state is incorrect *lvm_disk_entry_allocate_state*

Explanation: No additional information is available for this message.

HSTLV0130E Logical Volume Manager disk entry first reserved space *lvm_disk_entry_reserved* **should be 0**

Explanation: No additional information is available for this message.

HSTLV0131E Logical Volume Manager disk entry disk ID is not correct *lvm_disk_entry_id*

Explanation: No additional information is available for this message.

HSTLV0132E Logical Volume Manager disk entry third reserved space is incorrect *lvm_disk_entry_reserved*

Explanation: No additional information is available for this message.

HSTLV0133E Logical Volume Manager disk entry space map length *lvm_disk_entry_space_map_length* should be *lvm_disk_entry_space_map_length*

Explanation: No additional information is available for this message.

HSTLV0134E Logical Volume Manager disk entry free count *lvm_disk_entry_free_count* should be *lvm_disk_entry_free_count*

Explanation: No additional information is available for this message.

HSTLV0135E Logical Volume Manager disk entry fourth reserved space is incorrect *lvm_disk_entry_reserved*

Explanation: No additional information is available for this message.

HSTLV0136E Logical Volume Manager disk entry fifth reserved space is incorrect *lvm_disk_entry_reserved*

Explanation: No additional information is available for this message.

HSTLV0137E Logical Volume Manager disk entry sixth reserved space is incorrect *lvm_disk_entry_reserved*

Explanation: No additional information is available for this message.

HSTLV0138E Logical Volume Manager disk entry second magic number is 0x*lvm_disk_entry_magic_number* should be 0x*lvm_disk_entry_magic_number*

Explanation: No additional information is available for this message.

HSTLV0139E Logical Volume Manager disk entry name is incorrect

Explanation: No additional information is available for this message.

HSTLV0140W The Metadata check command was issued to a subordinate node. This command must be issued to the master node.

Explanation: No additional information is available for this message.

HSTLV0141E Logical Volume Manager master disk ID = 0x*lvm_master_disk_id* is incorrect *lvm_result_code*

Explanation: No additional information is available for this message.

HSTLV0142E Logical Volume Manager master record load failed *lvm_result_code*

Explanation: No additional information is available for this message.

HSTLV0143E Logical Volume Manager master record first magic number 0x*lvm_master_record_magic_number* should be 0x*lvm_master_record_magic_number*

Explanation: No additional information is available for this message.

HSTLV0144E Logical Volume Manager master record structure version *lvm_structure_version* should be *lvm_structure_version*

Explanation: No additional information is available for this message.

HSTLV0145E Logical Volume Manager master record length *lvm_master_record_length* should be *lvm_master_record_length*

Explanation: No additional information is available for this message.

HSTLV0146E Logical Volume Manager master record partition size *lvm_master_record_partition_size* is not correct

Explanation: No additional information is available for this message.

HSTLV0147E Logical Volume Manager master record sector size *lvm_master_record_sector_size* should be *lvm_master_record_sector_size*

Explanation: No additional information is available for this message.

HSTLV0148E One of:

Explanation: No additional information is available for this message.

HSTLV0149E Logical Volume Manager master record partition size *lvm_master_record_partition_size*

Explanation: No additional information is available for this message.

HSTLV0150E Logical Volume Manager master record sector size *lvm_master_record_sector_size*

Explanation: No additional information is available for this message.

HSTLV0151E or Logical Volume Manager master record sectors per partition *lvm_master_record_sectors_per_partition*

Explanation: No additional information is available for this message.

HSTLV0152E is incorrect because partition size should equal sector size times sectors per partition

Explanation: No additional information is available for this message.

HSTLV0153E Logical Volume Manager master record reserved partitions *lvm_master_record_resv_partitions* should be *lvm_master_record_resv_partitions*

Explanation: No additional information is available for this message.

HSTLV0154W Logical Volume Manager master record install time is in the future

Explanation: No additional information is available for this message.

HSTLV0155W Logical Volume Manager master record update time is before install time or in the future

Explanation: No additional information is available for this message.

HSTLV0156E Logical Volume Manager master record. Base of first copy of Logical Volume Manager tables is incorrect

Explanation: No additional information is available for this message.

HSTLV0157E Logical Volume Manager master record. Base of second copy of Logical Volume Manager tables is incorrect

Explanation: No additional information is available for this message.

HSTLV0158E Logical Volume Manager master record committed copy is incorrect

Explanation: No additional information is available for this message.

HSTLV0159E Logical Volume Manager master record alert percentage is incorrect

Explanation: No additional information is available for this message.

HSTLV0160E Logical Volume Manager master record shadow copy size is not *lvm_master_copy_size*

Explanation: No additional information is available for this message.

HSTLV0161E Logical Volume Manager master record update sequence number is incorrect

Explanation: No additional information is available for this message.

HSTLV0162E Logical Volume Manager master record third reserved space should be zero

Explanation: No additional information is available for this message.

HSTLV0163E Logical Volume Manager master record fourth reserved space should be zero

Explanation: No additional information is available for this message.

HSTLV0164E Logical Volume Manager master record fifth reserved space should be zero

Explanation: No additional information is available for this message.

HSTLV0165E Logical Volume Manager master record sixth reserved space should be zero

Explanation: No additional information is available for this message.

HSTLV0166E Logical Volume Manager master record second magic number *0x*`lvm_master_record_magic_number` should be *0x*`lvm_master_record_magic_number`

Explanation: No additional information is available for this message.

HSTLV0167E Logical Volume Manager master record is corrupt. Attempting to repair.

Explanation: No additional information is available for this message.

HSTLV0168I Logical Volume Manager master record were repaired.

Explanation: No additional information is available for this message.

HSTLV0169E Logical Volume Manager tables are corrupt. Attempting to repair.

Explanation: No additional information is available for this message.

HSTLV0170I Logical Volume Manager metadata tables were repaired.

Explanation: No additional information is available for this message.

HSTLV0171E Logical Volume Manager volume table volume IDs are not unique.

Explanation: No additional information is available for this message.

HSTLV0172E Logical Volume Manager volume table physical partition IDs are not unique.

Explanation: No additional information is available for this message.

HSTLV0173E Logical Volume Manager volume table header first magic number
0xlvn_master_record_magic_number should be 0xlvn_master_record_magic_number

Explanation: No additional information is available for this message.

HSTLV0174E Logical Volume Manager volume table header structure version *lvn_header_structure_version* **should be** *lvn_header_structure_version*

Explanation: No additional information is available for this message.

HSTLV0175E Logical Volume Manager volume table header length *lvn_header_structure_length* **should be** *lvn_header_structure_length*

Explanation: No additional information is available for this message.

HSTLV0176E Logical Volume Manager volume table header entry count is incorrect *lvn_header_entry_count*

Explanation: No additional information is available for this message.

HSTLV0177E Logical Volume Manager volume table header first reserved space *lvn_volume_reserved_space* **should be 0**

Explanation: No additional information is available for this message.

HSTLV0178E Logical Volume Manager volume table header second magic number *0xlvn_header_magic_number* **should be** *0xlvn_header_magic_number*

Explanation: No additional information is available for this message.

HSTLV0179E Logical Volume Manager volume table entry first magic number *0xlvn_table_entry_magic_number* **should be** *0xlvn_table_entry_magic_number*

Explanation: No additional information is available for this message.

HSTLV0180E Logical Volume Manager volume table entry structure version *lvn_structure_version* **should be** *lvn_structure_version*

Explanation: No additional information is available for this message.

HSTLV0181E Logical Volume Manager volume table entry length *lvn_table_length* **should be** *lvn_table_length*

Explanation: No additional information is available for this message.

HSTLV0182E Logical Volume Manager volume table entry class *lvn_volume_class* **is incorrect**

Explanation: No additional information is available for this message.

HSTLV0183E Logical Volume Manager volume table entry page size *lvn_page_size* **is incorrect**

Explanation: No additional information is available for this message.

HSTLV0184E Logical Volume Manager volume table entry volume id is incorrect *lvm_volume_id*

Explanation: No additional information is available for this message.

HSTLV0185E Volume table entry formatted partitions *lvm_format_partitions* **should be less than or equal**
lvm_format_partitions

Explanation: No additional information is available for this message.

HSTLV0186E Logical Volume Manager volume table entry first reserved space *lvm_reserved_space* **should be 0**

Explanation: No additional information is available for this message.

HSTLV0187E Logical Volume Manager volume table entry second reserved space *lvm_reserved_space* **should be 0**

Explanation: No additional information is available for this message.

HSTLV0188E Logical Volume Manager volume table entry second magic number 0x*lvm_table_entry_magic_number*
should be 0x*lvm_table_entry_magic_number*

Explanation: No additional information is available for this message.

HSTLV0189E Partition map entry disk number *lvm_map_disk_number* **should be less than or equal to number**
lvm_map_disk_number

Explanation: No additional information is available for this message.

HSTLV0190E Partition map entry disk entry *lvm_map_entry* **does not exist**

Explanation: No additional information is available for this message.

HSTLV0191E Partition map flags are incorrect *lvm_map_flags*

Explanation: No additional information is available for this message.

HSTLV0192E Partition map physical partition number *lvm_phys_partition_number* **is incorrect**

Explanation: No additional information is available for this message.

HSTLV0193E LVM: verify_volumes: Number of LVM disks (*DiskTableCount*), **!= number of GIO disks**
(*SystemDiskCount*).

Explanation: The server didn't find the correct number of system disks. The log message indicates the number that it thinks it should have (LVM disks) and the number that it actually found (GIO disks).

Action: Make sure that the SAN is functioning correctly and that all expected disks are available.

HSTLV0194E LVM: verify_volumes: An unexpected user disk was found: disk ID = *diskID*.

Explanation: The server expected to find a system disk but instead found one that is labeled as a user disk.

Action: Make sure that the reported disk is available and is the correct type.

HSTLV0195E LVM: verify_volumes: The server did not find the system disk with the disk ID of *diskID*.

Explanation: The server expected to find a system disk that was not found on the SAN.

Action: Make sure that the reported disk is available.

HSTMG0001E Message catalog is already open.

Explanation: No additional information is available for this message.

HSTMG0002E File '@1' contains a message catalog that is not valid.

Explanation: No additional information is available for this message.

HSTMG0003E Unable to open message catalog file '@1'.

Explanation: No additional information is available for this message.

HSTNE0001E NET: Failed to get acknowledgement for message: *net_msg_number* after: *net_msg_attempts* attempts. Maximum attempts: *net_msg_attempts*.

Explanation: No additional information is available for this message.

HSTNE0002E NET: Send failed for message number: *net_msg_number*, RetCode: *net_result_code*.

Explanation: No additional information is available for this message.

HSTNE0003E NET: Ignoring Ack for Message number: *net_msg_number*, Send in progress: *net_sendinprog_flag*, Last message sent: *net_msg_number*.

Explanation: No additional information is available for this message.

HSTNE0004E NET: Ignoring acknowledgement for message number: *net_msg_number*. Receiver ID 0.

Explanation: No additional information is available for this message.

HSTNE0005E NET: Addr *net_ip_address:net_port_id* in use, waiting *net_bind_timeout* seconds, on attempt *net_bind_attempts* of *net_bind_attempts*

Explanation: No additional information is available for this message.

HSTNE0006E NET: Nagle not disabled for new connection *net_socket_error*

Explanation: No additional information is available for this message.

HSTNE0007E NET: Ignoring message number: *net_msg_number* Type: *net_msg_type* with invalid receiver identity: *net_receiver_id*

Explanation: No additional information is available for this message.

HSTNE0008E NET: Ignoring message; the header is not valid

Explanation: No additional information is available for this message.

HSTOM0001E TM: Mismatch on OM:Null_LockEpoch.

Explanation: No additional information is available for this message.

HSTOM0002E OMRep::open_container: Duplicate container *om_container_name* (*om_container_id*)

Explanation: No additional information is available for this message.

HSTOM0003S OMRep: Out of memory.

Explanation: No additional information is available for this message.

HSTOM0004E Out of memory

Explanation: No additional information is available for this message.

HSTOP0001I Configuration change: *adm_option_name* set to *adm_option_setting*. The old value was *adm_option_setting*.

Explanation: No additional information is available for this message.

HSTOP0002W Duplicate system volume specified on the command line, *opt_parameter_name*.

Explanation: No additional information is available for this message.

HSTOP0003E Error: Expecting GS::Null_Clusterid = 0, not *pgm_cluster_id*

Explanation: No additional information is available for this message.

HSTOP0004E Error: expecting GS::Null_NodeId = -1, not *pgm_cluster_id*

Explanation: No additional information is available for this message.

HSTOP0005E Error: The *opt_option_name* option cannot be processed. Return code = *opt_result_code*.

Explanation: No additional information is available for this message.

HSTOP0006E A maximum of *opt_msg_key_max* message keys or aggregates can be specified.

Explanation: No additional information is available for this message.

HSTOP0007E Probability value must be between 0 and 100

Explanation: No additional information is available for this message.

HSTOP0008E Server needs to be compiled with Debug switch.

Explanation: No additional information is available for this message.

HSTOP0009E Argument not valid: *opt_arg_name*

Explanation: No additional information is available for this message.

HSTOP0010E Error: Option *opt_arg_name* was not found.

Explanation: No additional information is available for this message.

HSTOP0011E The option *opt_arg_name* must have a specified value.

Explanation: No additional information is available for this message.

HSTOP0012E The *opt_arg_name* option is the same as the *opt_arg_name* option.

Explanation: No additional information is available for this message.

HSTOP0013E A maximum of *opt_max_disks* disk names can be specified.

Explanation: No additional information is available for this message.

HSTOP0014E At least one system disk name must be specified.

Explanation: No additional information is available for this message.

HSTOP0015E The execution mode is not valid: *opt_execution_mode*

Explanation: No additional information is available for this message.

HSTOP0016I OPT: Would restart cluster here.

Explanation: No additional information is available for this message.

HSTOP0017I OPT: Would restart node here.

Explanation: No additional information is available for this message.

HSTOP0018E OPT: write_file() failed. RC = *opt_result_code*

Explanation: No additional information is available for this message.

HSTOP0019W OPT: parse_buffer() failed. The configuration parameters do not match.

Explanation: No additional information is available for this message.

HSTOP0020E Missing value for *opt_arg_name* option.

Explanation: No additional information is available for this message.

HSTOP0021W Warning. The *opt_arg_name* option was specified more than once.

Explanation: No additional information is available for this message.

HSTOP0022E The specified value, *opt_arg_value*, caused an error for the *opt_arg_name* option.

Explanation: No additional information is available for this message.

HSTOP0023E Option *opt_arg_name* cannot be set in the current execution mode.

Explanation: No additional information is available for this message.

HSTOP0024E Error: port : '*opt_port_name* is already specified for another option.

Explanation: No additional information is available for this message.

HSTOP0025I Please consult the Administrator's Guide and Reference for information on parameters.

Explanation: No additional information is available for this message.

HSTOP0026W Warning. Could not find file Tank.Config. All configuration parameters must be set on the command line.

Explanation: No additional information is available for this message.

HSTOP0027E Registration of a Group Services callback failed.

Explanation: No additional information is available for this message.

HSTOP0028E The *opt_option_name* option was not set. Returning error code *opt_result_code*.

Explanation: No additional information is available for this message.

HSTOP0029W The value of the *opt_option_name* option is already set to *opt_option_value*.

Explanation: No additional information is available for this message.

HSTOP0030W The modification of the *opt_option_name* option has been canceled.

Explanation: No additional information is available for this message.

HSTOP0031W The *opt_option_name* option has already been set. Further changes are not permitted.

Explanation: No additional information is available for this message.

HSTOP0032E The value for *option_name* can not be changed.

Explanation: The option specified on the command line is one that can not be changed. This is by design and is hard coded into the server.

Action: No action needs to be taken. The option specified was ignored.

HSTOP0033E A new thread to run the *opt* callback method could not be started.

Explanation: There was an error in trying to create a new thread for changing a configuration parameter.

Action: If there are no other problems, try to reissue the command to change the configuration parameter.

HSTPC0001W The character string *string* was truncated during assignment.

Explanation: No additional information is available for this message.

HSTPC0002W The result of character string concatenation was truncated.

Explanation: No additional information is available for this message.

HSTPC0003E Insufficient memory was available to process the SQL statement.

Explanation: No additional information is available for this message.

HSTPC0004E An SQL parser stack overflow occurred while processing token *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0005E Unexpected SQL key word token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0006E Unexpected SQL identifier token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0007E Unexpected SQL literal token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0008E Unexpected SQL operator token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0009E Unexpected SQL punctuation token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0010E The SQL statement is incomplete; additional tokens are required.

Explanation: No additional information is available for this message.

HSTPC0011E SQL token *sql_token* is not valid.

Explanation: No additional information is available for this message.

HSTPC0012E SQL numeric literal token *sql_token* is not valid.

Explanation: No additional information is available for this message.

HSTPC0013E Character string literal token *sql_token* is not valid.

Explanation: No additional information is available for this message.

HSTPC0014E SQL identifier token *sql_token* is not valid.

Explanation: No additional information is available for this message.

HSTPC0015E SQL identifier token *sql_token* is too long.

Explanation: No additional information is available for this message.

HSTPC0016E The SQL token beginning with *sql_token* is missing an ending delimiter.

Explanation: No additional information is available for this message.

HSTPC0017E The SQL data types *sql_data_type* and *sql_data_type* are incompatible with each other when used with the operator *sql_operator*.

Explanation: No additional information is available for this message.

HSTPC0018E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting an integer expression.

Explanation: No additional information is available for this message.

HSTPC0019E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a Boolean expression.

Explanation: No additional information is available for this message.

HSTPC0020E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a numeric expression.

Explanation: No additional information is available for this message.

HSTPC0021E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a numeric or interval expression.

Explanation: No additional information is available for this message.

HSTPC0022E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a character string expression.

Explanation: No additional information is available for this message.

HSTPC0023E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a date, timestamp, character string date, character string timestamp, or interval expression.

Explanation: No additional information is available for this message.

HSTPC0024E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a time, timestamp, character string time, character string timestamp, or interval expression.

Explanation: No additional information is available for this message.

HSTPC0025E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a date or character string date expression.

Explanation: No additional information is available for this message.

HSTPC0026E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a time or character string time expression.

Explanation: No additional information is available for this message.

HSTPC0027E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting a date, timestamp, character string date, or character string timestamp expression.

Explanation: No additional information is available for this message.

HSTPC0028E The SQL data type of expression *sql_expression* is *sql_data_type*; expecting an interval containing a single date-time field.

Explanation: No additional information is available for this message.

HSTPC0029E A number cannot be converted to SQL data type INTERVAL if the interval contains multiple date-time fields.

Explanation: No additional information is available for this message.

HSTPC0030E The expression *sql_expression* is not an integer constant.

Explanation: No additional information is available for this message.

HSTPC0031E A subquery used in an SQL expression must specify a single result column.

Explanation: No additional information is available for this message.

HSTPC0032E A subquery expression may not contain a reference to a column name that is contained in an outer query expression.

Explanation: No additional information is available for this message.

HSTPC0033E The maximum nesting depth for subquery expressions has been exceeded.

Explanation: No additional information is available for this message.

HSTPC0034E The WHERE clause must not contain an aggregate function.

Explanation: No additional information is available for this message.

HSTPC0035E The result data type of a CASE expression cannot be determined. At least one non-NULL THEN or ELSE expression must be specified.

Explanation: No additional information is available for this message.

HSTPC0036E The date-time field *sql_date_time* is not present in the expression *sql_expression* (data type *sql_data_type*).

Explanation: No additional information is available for this message.

HSTPC0037E The SQL aggregate function *sql_aggregate_function* cannot be nested within another aggregate function.

Explanation: No additional information is available for this message.

HSTPC0038E An SQL subquery expression cannot be nested within an aggregate function.

Explanation: No additional information is available for this message.

HSTPC0039E The column *sql_column_name* is not allowed in this context; it must either be named in the GROUP BY clause or be nested within an aggregate function.

Explanation: No additional information is available for this message.

HSTPC0040E The reference *sql_table_name* is an unknown SQL table name.

Explanation: No additional information is available for this message.

HSTPC0041E The reference *sql_column_name* is an unknown SQL column name.

Explanation: No additional information is available for this message.

HSTPC0042E The column reference *sql_column_name* matches more than one SQL column name.

Explanation: No additional information is available for this message.

HSTPC0043E The column reference *sql_column_name* is not allowed in this context because it is part of an outer SQL query expression.

Explanation: No additional information is available for this message.

HSTPC0044E The column reference *sql_column_name* is a duplicate of another SQL column name in the same list.

Explanation: No additional information is available for this message.

HSTPC0045E The reference *sql_function_name* is an unknown SQL scalar function name.

Explanation: No additional information is available for this message.

HSTPC0046E Too few arguments are specified for SQL scalar function *sql_function_name*.

Explanation: No additional information is available for this message.

HSTPC0047E Too many arguments are specified for SQL scalar function *sql_function_name*.

Explanation: No additional information is available for this message.

HSTPC0048E Division by zero was detected for operator *sql_operator_name*.

Explanation: No additional information is available for this message.

HSTPC0049E The value *sql_value* cannot be assigned or converted to SQL data type *sql_data_type*.

Explanation: No additional information is available for this message.

HSTPC0050E Arithmetic overflow occurred for SQL operator *sql_operator_name*.

Explanation: No additional information is available for this message.

HSTPC0051E Arithmetic or date-time overflow occurred for SQL operator *sql_operator_name* for values *sql_value* (data type *sql_data_type*) and *sql_value* (data type *sql_data_type*).

Explanation: No additional information is available for this message.

HSTPC0052E The value *sql_value* (data type *sql_data_type*) is not a valid argument for operator *sql_operator_name*.

Explanation: No additional information is available for this message.

HSTPC0053E The value *sql_value* (data type *sql_data_type*) is not a valid character string representation of an SQL date or a timestamp for operator *sql_operator_name*.

Explanation: No additional information is available for this message.

HSTPC0054E The value *sql_value* (data type *sql_data_type*) is not a valid character string representation of an SQL time or a timestamp for operator *sql_operator_name*.

Explanation: No additional information is available for this message.

HSTPC0055E An SQL subquery used in a scalar expression must yield a table that contains at most one row.

Explanation: No additional information is available for this message.

HSTPC0056E The SQL character string expression *sql_expression* must return a single character.

Explanation: No additional information is available for this message.

HSTPC0057E An error occurred accessing SQL base table *sql_table_name*.

Explanation: No additional information is available for this message.

HSTPC0058E An error occurred creating an SQL temporary table.

Explanation: No additional information is available for this message.

HSTPC0059E An error occurred inserting a row in an SQL temporary table.

Explanation: No additional information is available for this message.

HSTPC0060E SQL temporary table storage has been exhausted.

Explanation: No additional information is available for this message.

HSTPC0061E SQL temporary table row is too large.

Explanation: No additional information is available for this message.

HSTPC0062E Unexpected SQL enumerated type name token - *sql_token*.

Explanation: No additional information is available for this message.

HSTPC0063E SQL enumerated type name *sql_data_type* is not valid.

Explanation: No additional information is available for this message.

HSTPC0064E Unable to resolve SQL enumerated type for value *sql_value*.

Explanation: No additional information is available for this message.

HSTPC0065E This SQL query may produce a very large result table, or may require a significant amount of time to compute.

Explanation: No additional information is available for this message.

HSTPC0066E The reference *sql_column_name* is not a column of the SQL result table.

Explanation: No additional information is available for this message.

HSTPC0067E Unexpected SQL result code - *sql_result_code*

Explanation: No additional information is available for this message.

HSTPC0068E Context of SQL error: *sql_context_pointer*

Explanation: No additional information is available for this message.

HSTPC0069E Context of SQL error on line *sql_context_line* of *sql_context_number*: *sql_context_pointer*

Explanation: No additional information is available for this message.

HSTPC0070E Query requires temporary tables, which are not supported.

Explanation: No additional information is available for this message.

HSTPC0071E Policy set syntax version *sql_syntax_version* is not supported.

Explanation: No additional information is available for this message.

HSTPC0072E Object name *sql_object_name* is not valid.

Explanation: No additional information is available for this message.

HSTPC0073E Error in rule - *sql_rule_name*.

Explanation: No additional information is available for this message.

HSTPG0001E Disk volume *disk_volume_name* not found.

Explanation: No additional information is available for this message.

HSTPG0002E Access to disk volume *disk_volume_name* was denied.

Explanation: No additional information is available for this message.

HSTPG0003E Disk volume *disk_volume_name* already contains a product label and the **-overwrite** option was not specified.

Explanation: No additional information is available for this message.

HSTPG0004E Disk volume name *disk_volume_name* is not a valid global disk name.

Explanation: No additional information is available for this message.

HSTPG0005E Access to disk volume *disk_volume_name* failed.

Explanation: No additional information is available for this message.

HSTPG0006I Disk volume *disk_volume_name* was assigned global ID *global_id*.

Explanation: No additional information is available for this message.

HSTPG0007I Using IP *ip_address* port *port_number* for administration sessions.

Explanation: No additional information is available for this message.

HSTPG0008I Using IP *ip_address* port *port_number* for client STP transactions.

Explanation: No additional information is available for this message.

HSTPG0009I Using IP *ip_address* port *port_number* for Group Services messages.

Explanation: No additional information is available for this message.

HSTPG0010I Using IP *ip_address* port *port_number* for High Availability Manager heartbeat messages.

Explanation: No additional information is available for this message.

HSTPG0011I Build Version *build_version_string*, built by *builder_id*.

Explanation: No additional information is available for this message.

HSTPG0012I Alert: The server log, type *log_type*, name *log_file_name*, has been rotated. If you wish to retain its data, please save its backup file before the next rotation.

Explanation: No additional information is available for this message.

HSTPG0013S CALLHOME: A fatal signal *signal_number* has been received by the server. The server process is stopping.

Explanation: No additional information is available for this message.

HSTPG0014I Starting the log indexing subsystem.

Explanation: No additional information is available for this message.

HSTPG0015I The log indexing subsystem has been started.

Explanation: No additional information is available for this message.

HSTPG0016E The log indexing operation failed because of error *error_number*.

Explanation: No additional information is available for this message.

HSTPG0017I SAN File System Version *pgm_server_version* (*pgm_platform_name*)

Explanation: No additional information is available for this message.

HSTPG0018I Built at *pgm_server_build_time* on *pgm_server_build_date*.

Explanation: No additional information is available for this message.

HSTPG0019I Installation complete.

Explanation: No additional information is available for this message.

HSTPG0020E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0021I Starting as the cluster master.

Explanation: No additional information is available for this message.

HSTPG0022I Now running as the cluster master.

Explanation: No additional information is available for this message.

HSTPG0023I Logical Volume Manager master failed to start.

Explanation: No additional information is available for this message.

HSTPG0024I Cluster Manager master failed to start.

Explanation: No additional information is available for this message.

HSTPG0025I Failed to start as the cluster master.

Explanation: No additional information is available for this message.

HSTPG0026I Stopping as the cluster master.

Explanation: No additional information is available for this message.

HSTPG0027I No longer running as the cluster master.

Explanation: No additional information is available for this message.

HSTPG0028E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0029E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0030E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0031E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0032E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0033E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0034E Installation failed.

Explanation: No additional information is available for this message.

HSTPG0035E Unknown trace class - @1

Explanation: No additional information is available for this message.

HSTPG0036E Incorrect number of arguments.

Explanation: No additional information is available for this message.

HSTPG0037E The size argument is not valid.

Explanation: No additional information is available for this message.

HSTPG0038E Error generating the file.

Explanation: No additional information is available for this message.

HSTPG0039I Symbols Library: *pgm_sym_lib_name pgm_sym_lib_name*.

Explanation: No additional information is available for this message.

HSTPG0040I Command "*pgm_command_name*" was entered.

Explanation: No additional information is available for this message.

HSTPG0041I ***SERVER STARTED*******

Explanation: No additional information is available for this message.

HSTPG0042I ***SERVER EXITED*******

Explanation: No additional information is available for this message.

HSTPG0043I ***SERVER STARTED*******

Explanation: No additional information is available for this message.

HSTPG0045I Reserving *pgm_log_space*MB for log files.

Explanation: No additional information is available for this message.

HSTPG0046I Log space reserved successfully.

Explanation: No additional information is available for this message.

HSTPG0047S The logging system's reserved disk space for *pgm_log_space* was found to be much smaller than expected and has been recreated.

Explanation: No additional information is available for this message.

HSTPG0048E Unknown error key - *pgm_result_code*

Explanation: No additional information is available for this message.

HSTPG0049S Error: Server has encountered a fatal error and will now abort

Explanation: No additional information is available for this message.

HSTPG0050E Read local Tank.Bootstrap failed, the node is uncommissioned

Explanation: No additional information is available for this message.

HSTPG0051E Failed to configure devices for cluster *pgm_cluster_id*

Explanation: No additional information is available for this message.

HSTPG0052I Install-New-Cluster Installation Parameters: Cluster ID = *pgm_cluster_id*, Cluster Name = *pgm_cluster_name*, System Disk Count = *pgm_disk_count*

Explanation: No additional information is available for this message.

HSTPG0053I System disk name = *pgm_disk_name*

Explanation: No additional information is available for this message.

HSTPG0054I Overwrite? = *pgm_response*, LP Size (MB) = *pgm_partition_size*, Version = *pgm_server_version*

Explanation: No additional information is available for this message.

HSTPG0055E Failed to commission system master disk *pgm_disk_name*

Explanation: No additional information is available for this message.

HSTPG0056E Commissioning system disk (non-master) *pgm_disk_name* FAILED

Explanation: No additional information is available for this message.

HSTPG0057E Failed to write master disk label to local disk.

Explanation: No additional information is available for this message.

HSTPG0058E Installation of Group Services failed.

Explanation: No additional information is available for this message.

HSTPG0059E Installation of quorum disk lock failed.

Explanation: No additional information is available for this message.

HSTPG0060E Commission disk passed a NULL disk label pointer.

Explanation: No additional information is available for this message.

HSTPG0061I Global disk ID = *0xpgm_disk_id*, Disk Type = *pgm_disk_type*, Owning cluster ID = *pgm_cluster_id*

Explanation: No additional information is available for this message.

HSTPG0062E Unable to install cluster when server is running.

Explanation: No additional information is available for this message.

HSTPG0063E Unable to start server when server is already running.

Explanation: No additional information is available for this message.

HSTPG0064E Unable to reset cluster when server is running.

Explanation: No additional information is available for this message.

HSTPG0065E Unable to reset version information when server is running.

Explanation: No additional information is available for this message.

HSTPG0066E Unable to extract boot record when server is running.

Explanation: No additional information is available for this message.

HSTPG0067E Unable to create PID file.

Explanation: No additional information is available for this message.

HSTPG0068E No master disk found for cluster ID = *pgm_cluster_id*, install ID = *pgm_install_id*

Explanation: No additional information is available for this message.

HSTPG0069E The Tank.Bootstrap file does not match this cluster installation.

Explanation: No additional information is available for this message.

HSTPG0070W Warning. The flag -watchdog is being ignored. It can only be used on a debug build.

Explanation: No additional information is available for this message.

HSTPG0071W Warning. Could not set core file size limit. Value remains *pgm_file_size_limit*.

Explanation: No additional information is available for this message.

HSTPG0072I Debug crash: About to *adm_command_name* server.

Explanation: No additional information is available for this message.

HSTPG0073E Debug crash: Error. Failed to *adm_command_name* server.

Explanation: No additional information is available for this message.

HSTPG0074E Cluster name length *gs_cluster_name_length* is not valid.

Explanation: No additional information is available for this message.

HSTPG0075E Cluster name *pgm_cluster_name* is not valid.

Explanation: No additional information is available for this message.

HSTPG0076I Failed to reserve disk space for the log, *log_file_name*, due to error *ras_result_code*. Disk reservation for this log will be disabled.

Explanation: This error generally occurs when the server is attempting to reserve disk space in the log volume, but is unable to complete the operation.

Action: Ensure that the log volume has a minimum of 1.5 GB of free space when starting the server.

HSTPG0077I Asynchronous disk reservation for the log, *log_file_name*, has completed successfully.

Explanation: No additional information is available for this message.

HSTPM0001I No memory could be allocated.

Explanation: No additional information is available for this message.

HSTPM0002E Attempting to run *pm_command_name* conflicted with *pm_command_name*.

Explanation: A command was issued that conflicts with a command that is already running.

Action: This is a temporary condition. Try the command again after waiting for a short period of time. For more information, run the `lsproc` command to display all the running administrative processes.

HSTPM0003E PM: PMProcess destructor time delay of 10 seconds.

Explanation: No additional information is available for this message.

HSTSC0001E SCMSG: Attempt to unlink file in nonexistent arena storage pool *sc_pool_name* (*sc_pool_id*).

Explanation: No additional information is available for this message.

HSTSC0002E Attempt to set space in nonexistent arena.

Explanation: No additional information is available for this message.

HSTSC0003E Unexpected index error *sc_result_code* while setting up ODT check information

Explanation: No additional information is available for this message.

HSTSC0004E Error committing metadata check transaction.

Explanation: No additional information is available for this message.

HSTSC0005E Unexpected index error *sc_result_code* clearing ODT check information.

Explanation: No additional information is available for this message.

HSTSC0006E Error committing metadata check transaction.

Explanation: No additional information is available for this message.

HSTSC0007E Out of memory

Explanation: No additional information is available for this message.

HSTSC0008E Descriptor length OID *sc_object_id* is not valid.

Explanation: No additional information is available for this message.

HSTSC0031E removeEntry: fetch search key index failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0032E removeEntry: Data length for search key index is not valid.

Explanation: No additional information is available for this message.

HSTSC0033I [*sc_extent_count*] startBlock: *sc_start_block*, blockCount: *sc_block_count*, diskId: 0x*sc_disk_id*, physBlock: 0x*sc_physical_block*

Explanation: No additional information is available for this message.

HSTSC0043I ODT: Key Length: *sc_key_length*, Data Length: *sc_data_length*, Unused Space for Optimal Record Length: *sc_data_length*, Records/Leaf Page: *sc_leaf_page*, Records/Nav. Page: *sc_navigation_page*, Optimal Data Length: *sc_data_length*

Explanation: No additional information is available for this message.

HSTSC0061E FlashCopy image table overflow detected.

Explanation: No additional information is available for this message.

HSTSC0062E Key in FlashCopy image table is not valid.

Explanation: No additional information is available for this message.

HSTSC0063E Record found in FlashCopy image table for epoch *sc_epoch_id* is not valid.

Explanation: No additional information is available for this message.

HSTSC0064E Unexpected index error *sc_result_code* loading FlashCopy image table for container *sc_container_name* (*sc_container_id*)

Explanation: No additional information is available for this message.

HSTSC0069E Record found in FlashCopy image table for epoch *sc_pit_table_epoch_id* is not valid.

Explanation: No additional information is available for this message.

HSTSC0078E Corrupt segment table entry found for file [*sc_cluster_id.sc_container_id.sc_object_id*], *sc_log_type* segment *sc_segment_number.sc_epoch_id*: *sc_message*

Explanation: No additional information is available for this message.

HSTSC0097I *sc_stsd_object_name*

Explanation: No additional information is available for this message.

HSTSC0107S Maximum STE extent space (*sc_ste_extent_space*) is less than inline STE space (*sc_ste_extent_space*).

Explanation: No additional information is available for this message.

HSTSC0108E Nested segment scan for *sc_ste_pointer*

Explanation: No additional information is available for this message.

HSTSC0109E **getArenaOffset(*sc_relative_block_number*, Write Mapping) *sc_ste_pointer*: Block state *sc_block_state* is not valid.**

Explanation: No additional information is available for this message.

HSTSC0110E **getArenaOffset(*sc_relative_block_number*, Read Mapping) *sc_ste_pointer*: Block state *sc_block_state* is not valid.**

Explanation: No additional information is available for this message.

HSTSC0111E **getLiveBlockState: *sc_block_state*, RBN: *sc_relative_block_number* : Block state *sc_block_state* is not valid.**

Explanation: No additional information is available for this message.

HSTSC0112I **setLiveBlockState: Ignoring request to set live state for unallocated block: *sc_block_id*, RBN: *sc_relative_block_number***

Explanation: No additional information is available for this message.

HSTSC0113I **setLiveBlockState: Ignoring request to set live state for read-only block: *sc_block_id*, rbn: *sc_relative_block_number***

Explanation: No additional information is available for this message.

HSTSC0114E **setLiveBlockState: Corrupt block state detected for: *sc_block_id*, RBN: *sc_relative_block_number*: Block state *sc_block_state* is not valid.**

Explanation: No additional information is available for this message.

HSTSC0115E **clearLiveBlockState: Corrupt block state detected for: *sc_block_id*, RBN: *sc_relative_block_number*: Block state *sc_block_state* is not valid.**

Explanation: No additional information is available for this message.

HSTSC0116I **handle_copy_on_write**(*sc_block_id*): *sc_before_cow_string* - **mode:** *sc_access_mode*, **BE:** *sc_epoch_id*, **DE:** *sc_epoch_id*, **SE:** *sc_epoch_id*, **RC:** *sc_revert_count*.

Explanation: No additional information is available for this message.

HSTSC0117I **handle_copy_on_write**(*sc_block_id*): **primary after**

Explanation: No additional information is available for this message.

HSTSC0118E **Key length for ATE is not valid.**

Explanation: No additional information is available for this message.

HSTSC0119E **Data length for ATE is not valid.**

Explanation: No additional information is available for this message.

HSTSC0120E **Error opening arena for container** *sc_container_name* (*sc_container_id*), **storage pool** *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0121E **Block size mismatch in ATE.**

Explanation: No additional information is available for this message.

HSTSC0122E **Unexpected index error** *sc_result_code*, *sc_table_name*, **root page:** *sc_container_id:sc_root_page*.

Explanation: No additional information is available for this message.

HSTSC0123E **Unexpected index error** **RC=***sc_result_code*, **Block ID=***sc_block_id*, **container=***sc_container_name* (*sc_container_id*), **root page:** *sc_root_page*, **key:** *sc_key*.

Explanation: No additional information is available for this message.

HSTSC0124E **Warning. Error reopening arena for container** *sc_container_name* (*sc_container_id*), **storage pool** *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0125E **Illegal allocation block count:** *sc_block_count* (**minimum block count** *sc_block_count*)

Explanation: No additional information is available for this message.

HSTSC0126E **Attempt to allocate space in nonexistent arena.**

Explanation: No additional information is available for this message.

HSTSC0127E **Illegal allocation block count:** *sc_block_count*

Explanation: No additional information is available for this message.

HSTSC0128E **Attempt to reallocate space in nonexistent arena.**

Explanation: No additional information is available for this message.

HSTSC0129E Attempt to reallocate space in nonexistent arena, stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0130E Unexpected fsmap error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0131E Illegal deallocation block count: *sc_block_count*

Explanation: No additional information is available for this message.

HSTSC0132E Attempt to deallocate space in nonexistent arena.

Explanation: No additional information is available for this message.

HSTSC0133E Attempt to deallocate space in nonexistent arena, stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0134E Deallocated range is beyond free space map capacity.

Explanation: No additional information is available for this message.

HSTSC0135E The number of blocks per partition (*sc_block_count*) detected for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*) is not valid.

Explanation: No additional information is available for this message.

HSTSC0136E Unexpected error *sc_result_code* creating arena for container *sc_container_name* (*sc_container_id*), storage pool *sc_pool_name* (*sc_pool_id*) at master.

Explanation: No additional information is available for this message.

HSTSC0137E Free space map capacity is larger than arena actual capacity.

Explanation: No additional information is available for this message.

HSTSC0138E Error extending arena for container *sc_container_name* (*sc_container_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0139E Arena extension did not result in the addition of new capacity for container *sc_container_name* (*sc_container_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0140E Unexpected error *sc_result_code* extending free space map for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0141E Invalid arena block size (*sc_arena_block_size*) reported for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0142E Directory object attributes size (*sc_attributes_size*) exceeds maximum allowed in object descriptor (*sc_attributes_max*).

Explanation: No additional information is available for this message.

HSTSC0143E Directory entry name length: *sc_directory_name_length* is not valid.

Explanation: No additional information is available for this message.

HSTSC0144E Attempt to insert entry into unlinked directory: Dir: *sc_container_id*, *sc_object_id*, Entry: *sc_entry_name*

Explanation: No additional information is available for this message.

HSTSC0145E Called with non-empty directory count = *sc_directory_count*

Explanation: No additional information is available for this message.

HSTSC0146E Incorrect link count = *sc_link_count*

Explanation: No additional information is available for this message.

HSTSC0147E An attempt was made to remove '.' or '..' directory entry.

Explanation: No additional information is available for this message.

HSTSC0148E Missing search key index.

Explanation: No additional information is available for this message.

HSTSC0149E Unexpected index error *sc_result_code* removing directory index at *sc_root_page* for directory *sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0150E An attempt was made to allocate zero blocks.

Explanation: No additional information is available for this message.

HSTSC0151E An error occurred *sc_result_code* assigning SVC class or storage pool.

Explanation: No additional information is available for this message.

HSTSC0152E Unable to resolve default storage pool.

Explanation: No additional information is available for this message.

HSTSC0153I sizeof(FileObjAttr) = *sc_attribute_size*

Explanation: No additional information is available for this message.

HSTSC0154I Max_Type_Dependent_Attr_Size = *sc_attribute_size*

Explanation: No additional information is available for this message.

HSTSC0155E File object attributes size (*sc_attribute_size*) exceeds maximum allowed in object descriptor (*sc_attribute_size_max*).

Explanation: No additional information is available for this message.

HSTSC0156W Segment table present after whole file reclamation for object id (*object_id*), root page (*container_id*). (*root_page*).

Explanation: No additional information is available for this message.

HSTSC0157W f_STECount is non-zero after whole file reclamation for object id (*object_id*), root page (*container_id*). (*root_page*).

Explanation: No additional information is available for this message.

HSTSC0158E OBSOLETE MESSAGE

Explanation: No additional information is available for this message.

HSTSC0159E ste_allocCount is nonzero after segment deallocation.

Explanation: No additional information is available for this message.

HSTSC0160E f_STECount is nonzero after whole file deallocation for file *sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0161E Underflow detected on b_blockCount.

Explanation: No additional information is available for this message.

HSTSC0162E Underflow detected on allocCount.

Explanation: No additional information is available for this message.

HSTSC0163E A block size that is not valid has been detected.

Explanation: No additional information is available for this message.

HSTSC0164E A live block count that is not valid has been detected: File: *sc_container_id.sc_object_id*, Alloc Count: *sc_block_count*, Live Count: *sc_block_count*

Explanation: No additional information is available for this message.

HSTSC0165E Unable to access DB.

Explanation: No additional information is available for this message.

HSTSC0166E Warning. The ODT record size is less than optimal. Current ODT data length: *sc_data_length*, Optimal ODT data length: *sc_data_length*

Explanation: No additional information is available for this message.

HSTSC0167E Error updating anchor record. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0168E Error committing assign OID transaction.

Explanation: No additional information is available for this message.

HSTSC0169E Error in committing lock epoch.

Explanation: No additional information is available for this message.

HSTSC0170E Update: Unexpected index error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0172E Anchor index root is not allocated at first allocatable DB page for container *sc_container_name* (*sc_container_id*)

Explanation: No additional information is available for this message.

HSTSC0173E Unable to load container anchor record for container *sc_container_name* (*sc_container_id*). Record length: *sc_record_length* is not valid.

Explanation: No additional information is available for this message.

HSTSC0174E Unable to load container anchor record for container *sc_container_name* (*sc_container_id*). Checksum: *0xsc_checksum_value* is not valid.

Explanation: No additional information is available for this message.

HSTSC0175E Unable to load container anchor record for container *sc_container_name* (*sc_container_id*). ODT root count: *sc_root_count* is not valid.

Explanation: No additional information is available for this message.

HSTSC0176E Unable to load container anchor record for container *sc_container_name* (*sc_container_id*). ODT compare function: *sc_compare_function* is not valid.

Explanation: No additional information is available for this message.

HSTSC0177E Unexpected index error *sc_result_code* inserting ODT record for container *sc_container_name* (*sc_container_id*), **OID=*sc_object_id***

Explanation: No additional information is available for this message.

HSTSC0178E Unexpected index error *sc_result_code* deleting ODT record for container *sc_container_name* (*sc_container_id*), **OID=*sc_object_id***

Explanation: No additional information is available for this message.

HSTSC0179E Unexpected index error *sc_result_code* replacing ODT record for container *sc_container_name* (*sc_container_id*), **OID=*sc_object_id***

Explanation: No additional information is available for this message.

HSTSC0180E Unexpected index error *sc_result_code* fetching ODT record for container *sc_container_name* (*sc_container_id*), **OID=*sc_object_id***

Explanation: No additional information is available for this message.

HSTSC0181E Out of memory

Explanation: No additional information is available for this message.

HSTSC0182E Unexpected index error *sc_result_code* fetching ODT record for container *sc_container_name* (*sc_container_id*)

Explanation: No additional information is available for this message.

HSTSC0183E Descriptor length for OID *sc_object_id* is not valid.

Explanation: No additional information is available for this message.

HSTSC0184E *sc_pretty_function* called.

Explanation: No additional information is available for this message.

HSTSC0185E Unexpected index error *sc_result_code* inserting FlashCopy image table record for container *sc_container_name* (*sc_container_id*), EpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0186E Unexpected index error *sc_result_code* deleting FlashCopy image table record for container *sc_container_name* (*sc_container_id*), EpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0187E Unexpected index error *sc_result_code* replacing FlashCopy image table record for container *sc_container_name* (*sc_container_id*), EpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0188E Unexpected index error *sc_result_code* fetching FlashCopy image table record for container *sc_container_name* (*sc_container_id*), EpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0189E FlashCopy image table error: pte_epochId mismatch - e: *sc_epoch_id*, entry: *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0190E FlashCopy image table Error: pte_timestamp mismatch - e: *sc_timestamp*, entry: *sc_timestamp*, record: *sc_timestamp*

Explanation: No additional information is available for this message.

HSTSC0191E FlashCopy image table error: pte_flags mismatch - e: *sc_pte_flags*, entry: *sc_pte_flags*, record: *sc_pte_flags*

Explanation: No additional information is available for this message.

HSTSC0192E FlashCopy image table error: pte_name length mismatch - e: *sc_pte_name_length*, entry: *sc_pte_name_length*, record: *sc_pte_name_length*

Explanation: No additional information is available for this message.

HSTSC0193E FlashCopy image table error: pte_name mismatch - e: *sc_pte_name*, entry: *sc_pte_name*, record: *sc_pte_name*

Explanation: No additional information is available for this message.

HSTSC0194E FlashCopy image table error: pte_dirName length mismatch - e: *sc_directory_name_length*, entry: *sc_directory_name_length*, record: *sc_directory_name_length*

Explanation: No additional information is available for this message.

HSTSC0195E FlashCopy image table error: pte_dirName mismatch - e: *sc_directory_name*, entry: *sc_directory_name*, record: *sc_directory_name*

Explanation: No additional information is available for this message.

HSTSC0196E FlashCopy image table error: pte_description length mismatch - e: *sc_pte_description_length*, entry: *sc_pte_description_length*, record: *sc_pte_description_length*

Explanation: No additional information is available for this message.

HSTSC0197E FlashCopy image table error: pte_description mismatch - e: *sc_description*, entry: *sc_description*, record: *sc_description*

Explanation: No additional information is available for this message.

HSTSC0198E ReclaimTable: Unexpected index error *sc_result_code* inserting record for container=*sc_container_name* (*sc_container_id*), Index=*sc_root_address*, stgpool=*sc_pool_name* (*sc_pool_id*), OID=*sc_object_id*, revertCount=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0199E ReclaimTable: Unexpected index error *sc_result_code* deleting record for container=*sc_container_name* (*sc_container_id*), Index=*sc_root_address*, stgpool=*sc_pool_name* (*sc_pool_id*), OID=*sc_object_id*, revertCount=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0200E ReclaimTable: Unexpected index error *sc_result_code* fetching record for container=*sc_container_name* (*sc_container_id*), Index=*sc_root_address*, stgpool=*sc_pool_name* (*sc_pool_id*), OID=*sc_object_id*, revertCount=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0201E Object type: *sc_object_type* is not valid.

Explanation: No additional information is available for this message.

HSTSC0202E An attempt was made to link to object with link count zero.

Explanation: No additional information is available for this message.

HSTSC0203E An attempt was made to delete OID *sc_object_id* with nonzero link count.

Explanation: No additional information is available for this message.

HSTSC0204E Object type is not valid.

Explanation: No additional information is available for this message.

HSTSC0205E Attempt to reclaim OID *sc_object_id*; it is not a file.

Explanation: No additional information is available for this message.

HSTSC0206E Child object OID *sc_object_id* already has link count zero.

Explanation: No additional information is available for this message.

HSTSC0207E Source child object OID *sc_object_id* already has link count zero.

Explanation: No additional information is available for this message.

HSTSC0208E Target child object OID *sc_object_id* already has link count zero.

Explanation: No additional information is available for this message.

HSTSC0209E An attempt was made to set file size.

Explanation: No additional information is available for this message.

HSTSC0210E An attempt was made to set a NULL timestamp for container=*sc_container_name* (*sc_container_id*),
OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0211E OID *sc_object_id* already has linked count zero.

Explanation: No additional information is available for this message.

HSTSC0212E Expected spatial wormhole, but directory entry is of type *sc_entry_type*

Explanation: No additional information is available for this message.

HSTSC0213E Directory link count is not 1 after unlinking name.

Explanation: No additional information is available for this message.

HSTSC0214E store_inline_ste: *sc_segment_table_entry* has COW Segment Table Entry.

Explanation: No additional information is available for this message.

HSTSC0215E store_inline_ste: Block found with unknown state:*sc_block_state*, RBN: *sc_relative_block_number*,
state:*sc_block_state*

Explanation: No additional information is available for this message.

HSTSC0216E verifyRecord: Error loading STE for file *sc_object_id*, STE *sc_ste_key*: Key length is not valid
(*sc_ste_key_length* Expected *sc_ste_key_length*)

Explanation: No additional information is available for this message.

HSTSC0217E verifyRecord: Error loading STE for file *sc_object_id*: Found Key: *sc_ste_key* < Start Key: *sc_ste_key*

Explanation: No additional information is available for this message.

HSTSC0218E verifyRecord: Error loading STE for file *sc_object_id*: Found Key: *sc_ste_key* > Stop Key: *sc_ste_key*

Explanation: No additional information is available for this message.

HSTSC0219E verifyRecord: Error loading STE for file *sc_object_id*: Found Key: *sc_ste_key* has NULL epoch ID

Explanation: No additional information is available for this message.

HSTSC0220E verifyRecord: Error loading STE for file *sc_object_id*, STE *sc_ste_key*: Record length is not valid (*sc_data_length* expected *sc_data_length*)

Explanation: No additional information is available for this message.

HSTSC0221E verifyRecord: Error loading STE for file *sc_object_id*, STE *sc_ste_key*: Extent count is not valid (*sc_extent_count* is out of range)

Explanation: No additional information is available for this message.

HSTSC0222E verifyRecord: Error loading STE for file *sc_object_id*, STE *sc_ste_key*: Object ID *sc_object_pointer* does not match expected value *sc_object_pointer*

Explanation: No additional information is available for this message.

HSTSC0223E verifyRecord: Error loading STE for file *sc_object_id*, STE *sc_ste_key*: Magic value is not valid: *0xsc_ste_magic_number*

Explanation: No additional information is available for this message.

HSTSC0224E verifyRecord: Corrupt STE found for file *sc_object_id*: Key *sc_ste_key* is not equal to birthEpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0225E verifyRecord: Corrupt STE found for file *sc_object_id*: Key *sc_ste_key* type is not equal to Primary_Ste

Explanation: No additional information is available for this message.

HSTSC0226E verifyRecord: Corrupt STE found for file *sc_object_id*, STE *sc_ste_key*, birthEpochId *sc_epoch_id* > deathEpochId *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0227E verifyRecord: Corrupt STE found for file *sc_object_id* : Key *sc_ste_key* type is not equal to Cow_Ste

Explanation: No additional information is available for this message.

HSTSC0228E verifyRecord: Corrupt STE found for file *sc_object_id* : Key *sc_ste_key* incorrect checksum, stored *0xsc_checksum_value*, calculated *0xsc_checksum_value*

Explanation: No additional information is available for this message.

HSTSC0229E `get_arena_offset`: Extent for `sc_relative_block_number` is NULL.

Explanation: No additional information is available for this message.

HSTSC0230E `find_extent_index` returned inconsistent value: `rbn`: `sc_relative_block_number`, `linear` = `sc_linear_extent`, `binary` = `sc_binary_extent`

Explanation: No additional information is available for this message.

HSTSC0231E [`sc_extent`]: `sc_extent_pointer`

Explanation: No additional information is available for this message.

HSTSC0232E STE length of `sc_data_length` is not valid. Minimum length is `sc_data_length`. Maximum length is `sc_data_length`

Explanation: No additional information is available for this message.

HSTSC0233E STE magic value `0xsc_ste_magic_number` is not valid.

Explanation: No additional information is available for this message.

HSTSC0234E STE has invalid extent count `sc_extent_count`, maximum extent count is `sc_extent_count`

Explanation: No additional information is available for this message.

HSTSC0235E STE has extent count/length mismatch

Explanation: No additional information is available for this message.

HSTSC0236E `scStsdDataTable`: Unexpected index error `sc_result_code` `sc_operation_string` record for `container=sc_container_name (sc_container_id)`, `ObjectId=sc_object_id`, `BE=sc_epoch_id`, `segment=sc_segment_number`

Explanation: No additional information is available for this message.

HSTSC0237E `scStsdDataTable`: Unexpected index error `sc_result_code` deleting record for `container=sc_container_name (sc_container_id)`, `ObjectId=sc_object_id`, `BE=sc_epoch_id`, `segment=sc_segment_number`

Explanation: No additional information is available for this message.

HSTSC0238E `scStsdDataTable`: Unexpected index error `sc_result_code` fetching record for `container=sc_container_name (sc_container_id)`, `ObjectId=sc_object_id`, `SE=sc_epoch_id`, `currentOffset=sc_offset`, `segnum=sc_segment_number`

Explanation: No additional information is available for this message.

HSTSC0239E `scStsdDataTable`: Unexpected record length fetching record for `container=sc_container_name (sc_container_id)`, `ObjectId=sc_object_id`

Explanation: No additional information is available for this message.

HSTSC0241E `scStsdHashTable`: Unexpected index error `sc_result_code` inserting record for `container=sc_container_name (sc_container_id)`, `ObjectId=sc_object_id`

Explanation: No additional information is available for this message.

HSTSC0242E **scStsdHashTable: Unexpected index error** *sc_result_code* deleting record for container=*sc_container_name* (*sc_container_id*), hashValue=*sc_hash_value*, operation=*sc_operation_name*

Explanation: No additional information is available for this message.

HSTSC0243E **scStsdHashTable: Unexpected index error** *sc_result_code* fetching record for container=*sc_container_name* (*sc_container_id*), hashValue=*sc_hash_value*

Explanation: No additional information is available for this message.

HSTSC0244E **scStsdHashTable: Out of memory**

Explanation: No additional information is available for this message.

HSTSC0245E **Stsd** *sc_object_id* already has a zero reference count

Explanation: No additional information is available for this message.

HSTSC0246E **Symbolic link value length:** *sc_symlink_length* is not valid.

Explanation: No additional information is available for this message.

HSTSC0247E **Symbolic link object attributes size** (*sc_attribute_size*) exceeds maximum allowed in object descriptor (*sc_attribute_size_max*).

Explanation: No additional information is available for this message.

HSTSC0248E **scSymLinkTable::insertRecord: Unexpected index error** *sc_result_code* inserting record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0249E **scSymLinkTable::deleteRecord: Unexpected index error** *sc_result_code* deleting record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*, operation=*sc_operation_name*

Explanation: No additional information is available for this message.

HSTSC0250E **scSymLinkTable::fetch_record: Unexpected index error** *sc_result_code* fetching record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0251E **scSymLinkTable::fetch_record: Unexpected record length** fetching record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0252E **scSymLinkTable::check: Could not test fit symbolic link data table due to data base error.** RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0253E **Unexpected index error** *sc_result_code* inserting metadata check's arena record for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0254E Unexpected index error *sc_result_code* replacing metadata check's arena record for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0255E Unexpected index error *sc_result_code* fetching link count record for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0256E Unexpected index error *sc_result_code* extending check arena free space map for container *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* *sc_pool_id*

Explanation: No additional information is available for this message.

HSTSC0257E Unexpected index error *sc_result_code* setting check arena free space map for Conatiner *sc_container_name* (*sc_container_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0258E Unexpected index error *sc_result_code* fetching link count record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0259E Unexpected index error *sc_result_code* replacing link count record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0260E Unexpected index error *sc_result_code* inserting link count record for container=*sc_container_name* (*sc_container_id*), OID=*sc_object_id*

Explanation: No additional information is available for this message.

HSTSC0261E destroy_dir_indices: Search key index for object *sc_container_id.sc_object_id.sc_epoch_id* root *sc_search_key_index_root* is not empty

Explanation: No additional information is available for this message.

HSTSC0262E destroy_dir_indices: Name index for object *sc_container_id.sc_object_id.sc_epoch_id* root *sc_search_key_index_root* is not empty

Explanation: No additional information is available for this message.

HSTSC0263E destroy_dir_indices: Search key index for object *sc_container_id.sc_object_id.sc_epoch_id* root *sc_search_key_index_root* error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0264E destroy_dir_indices: Name index for object *sc_container_id.sc_object_id.sc_epoch_id* root *sc_search_key_index_root* error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0265E **scSymLinkTable::cleanTable: Unexpected index error** *sc_result_code* deleting record for container=*sc_container_name* (*sc_container_id*), **OID**=*sc_object_id*, **operation**=*sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0266E **scSymLinkTable: Out of memory**

Explanation: No additional information is available for this message.

HSTSC0267E **cleanPitObject: Object** *sc_object_id.sc_object_id* **add to unlinked table failed. RC =** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0268E **ReclaimTable: Unexpected index error** *sc_result_code* cleaning record for container=*sc_container_name* (*sc_container_id*), **Index**=*sc_root_address*, **stgpool**=*sc_pool_name* (*sc_pool_id*), **OID**=*sc_object_id*, **revertCount**=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0269E **ReclaimTable: Data size error** *sc_result_code* fetching record for container=*sc_container_name* (*sc_container_id*), **Index**=*sc_root_address*, **stgpool**=*sc_pool_name* (*sc_pool_id*), **OID**=*sc_object_id*, **revertCount**=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0270E **ReclaimTable: Unexpected index error** *sc_result_code* fetching the next record for container=*sc_container_name* (*sc_container_id*), **Index**=*sc_root_address*, **stgpool**=*sc_pool_name* (*sc_pool_id*), **OID**=*sc_object_id*, **revertCount**=*sc_revert_count*

Explanation: No additional information is available for this message.

HSTSC0271E **scStsdDataTable: testRecordFit error** *sc_result_code* for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0272E **scStsdDataTable: Out of memory**

Explanation: No additional information is available for this message.

HSTSC0273E **scStsdDataTable: Unexpected index error** *sc_result_code* deleting record for container=*sc_container_name* (*sc_container_id*), **ObjectId**=*sc_object_id*, **BE**=*sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0274E **scStsdHashTable: Unexpected index error** *sc_result_code* cleaning record for container=*sc_container_name* (*sc_container_id*), **ObjectId**=*sc_object_id*, **BE**=*sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0275E **clean ste: reclaim failed: container** *sc_container_name* (*sc_container_id*), **objectId:** *sc_object_id*, **SegNo:** *sc_segment_number*, **BE:** *sc_epoch_id*, **DE:** *sc_epoch_id*, **rc:** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0276E **clean ste: store failed: container** *sc_container_name* (*sc_container_id*), **objectId:** *sc_object_id*, **SegNo:** *sc_segment_number*, **BE:** *sc_epoch_id*, **DE:** *sc_epoch_id*, **rc:** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0277E **clean ste: remove failed: container** *sc_container_name (sc_container_id)*, **objectId:** *sc_object_id*, **SegNo:** *sc_segment_number*, **BE:** *sc_epoch_id*, **DE:** *sc_epoch_id*, **rc:** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0278I **setLiveBlockState: Ignoring request to set live state for bad block:** *sc_block_id*, **RBN:** *sc_relative_block_number*

Explanation: No additional information is available for this message.

HSTSC0279E **setBadBlockState: Corrupt block state detected for:** *sc_block_id*, **RBN:** *sc_relative_block_number*: **state** *sc_state_value* **is not valid.**

Explanation: No additional information is available for this message.

HSTSC0280W **rmvolume: FlashCopy image** *sc_object_id (sc_container_id)* **has files on the removed volume. Attempts to access the missing blocks will result in application level I/O errors.**

Explanation: No additional information is available for this message.

HSTSC0281I **STSD OID =** *sc_object_id* **deleted**

Explanation: No additional information is available for this message.

HSTSC0282S **Salvage SC arena record failure: Commit transaction failed. RC =** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0283I **Salvaging SC arena record: <container** *sc_container_name (sc_container_id)*, **stgpool** *sc_pool_name (sc_pool_id)*>

Explanation: No additional information is available for this message.

HSTSC0284E **FSMap checkRoot integrity failure forced.**

Explanation: No additional information is available for this message.

HSTSC0285E **Salvage SC arena record failure: FSMap LocateRoot for arena record <container** *sc_container_name (sc_container_id)*, **stgpool** *sc_pool_name (sc_pool_id)*> **failed. RC =** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0286S **Salvage SC arena record failure: Insert/replace into table failed. RC =** *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0287I **Salvaging full SC arena table for container** *sc_container_name (sc_container_id)*.

Explanation: No additional information is available for this message.

HSTSC0288S **Salvage SC arena table failure: Commit transaction failed. RC =** *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0289I **Salvaging SC anchor record for container** *sc_container_name (sc_container_id)*.

Explanation: No additional information is available for this message.

HSTSC0290S Salvage SC anchor record failure: CheckRoot failed for *sc_result_code* table. RC = *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0291S Salvage SC anchor record failure: LocateRoot failed for *sc_result_code* table. RC = *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0292S Salvage SC anchor record failure: Insert/Replace of anchor record failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0293S Salvage SC anchor record failure: Commit transaction failed. RC = *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0294S Destroy SC *sc_stsd_data_string* table record failure: Delete from table failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0295S Salvage SC *sc_stsd_data_string* table record failure: Commit transaction failed. RC = *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0296S Anchor record checkRoot integrity failure forced.

Explanation: No additional information is available for this message.

HSTSC0297S Unexpected free space map error container=*sc_container_name* (*sc_container_id*), stgpool=*sc_pool_name* (*sc_pool_id*), blockNo=*sc_block_number*

Explanation: No additional information is available for this message.

HSTSC0300E Salvage SC *sc_object_id* Relative block number *relative_block_number* Arena offset *block_number* set to *block_state*

Explanation: No additional information is available for this message.

HSTSC0301E Salvage SC *sc_object_id* COW Bad block. Relative block number *relative_block_number* Arena offset *block_number*

Explanation: No additional information is available for this message.

HSTSC0302E Check SC *sc_object_id* Table failure: Fetch from table failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0303E Salvage SC *sc_object_id* Table failure: Fetch from table failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0304E Salvage SC *sc_object_id* Table failure: Delete from table failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0305E Salvage SC *sc_object_id* Table failure: Insert into table failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0306E Salvage free space unexpected error *sc_result_code* upgrading page lock. container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: No additional information is available for this message.

HSTSC0307I container metadata check stopped.

Explanation: No additional information is available for this message.

HSTSC0308E Container storage pool arena data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0309E Could not find arena control block. Storage pool *sc_pool_name* (*sc_pool_id*)

Explanation: No additional information is available for this message.

HSTSC0310E Container arena table key stgpool *sc_pool_id* verify failed. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0311E Container arena table entry version *sc_arena_version* should be *sc_arena_version*

Explanation: No additional information is available for this message.

HSTSC0312E Container arena table entry first reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0313E Container arena table entry second reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0314E Container arena table entry capacity is incorrect

Explanation: No additional information is available for this message.

HSTSC0315E Container arena table entry occupancy *sc_arena_occupancy* should be less than or equal to *sc_arena_occupancy*

Explanation: No additional information is available for this message.

HSTSC0316E Container arena table entry third reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0317E Container arena table entry free space root page is incorrect

Explanation: No additional information is available for this message.

HSTSC0318E Container arena table entry block size is incorrect

Explanation: No additional information is available for this message.

HSTSC0319E Could not find arena control block. Storage Pool *sc_pool_name* (*sc_pool_id*). Unexpected error.

Explanation: No additional information is available for this message.

HSTSC0320E Container arena table entry fetch check arena table failed, stgpool *sc_pool_name* (*sc_pool_id*). RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0321E Container directory object basic block size is incorrect

Explanation: No additional information is available for this message.

HSTSC0322E Container directory object version *sc_directory_version* should be *sc_directory_version*

Explanation: No additional information is available for this message.

HSTSC0323E Container directory object first reserved should be 0

Explanation: No additional information is available for this message.

HSTSC0324E Container directory object parent directory incorrect

Explanation: No additional information is available for this message.

HSTSC0325E Container directory object search index root page is incorrect

Explanation: No additional information is available for this message.

HSTSC0326E Container directory object name index root page is incorrect

Explanation: No additional information is available for this message.

HSTSC0327E Container directory object next search key is incorrect

Explanation: No additional information is available for this message.

HSTSC0328E Container directory object search index object ID is incorrect. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0329E Size of container directory object search index is incorrect

Explanation: No additional information is available for this message.

HSTSC0330E Container directory object search index key *sc_search_index_key* should be greater than *sc_search_index_key*

Explanation: No additional information is available for this message.

HSTSC0331E Container directory object search index version *sc_search_index_version* should be *sc_search_index_version*

Explanation: No additional information is available for this message.

HSTSC0332E Container directory object search index name length is not valid

Explanation: No additional information is available for this message.

HSTSC0333E Container directory object search index type is not valid

Explanation: No additional information is available for this message.

HSTSC0334E Container directory object search index object ID incorrect. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0335E Container directory object search index directory object does not connect

Explanation: No additional information is available for this message.

HSTSC0336E Container directory object search index directory object was not found

Explanation: No additional information is available for this message.

HSTSC0337E Container directory object search index object death epoch ID is incorrect

Explanation: No additional information is available for this message.

HSTSC0338E Container directory object search index object birth epoch ID is incorrect

Explanation: No additional information is available for this message.

HSTSC0339E Container directory object name index key epoch ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0340E Container directory object name index key name length is not valid

Explanation: No additional information is available for this message.

HSTSC0341E Container directory object name index version *sc_name_index_version* should be *sc_name_index_version*

Explanation: No additional information is available for this message.

HSTSC0342E Container directory object name index reserved space is incorrect.

Explanation: No additional information is available for this message.

HSTSC0343E Container directory object name index type is incorrect.

Explanation: No additional information is available for this message.

HSTSC0344E Container directory object name index object ID is incorrect. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0345E Container directory object name index directory object does not connect

Explanation: No additional information is available for this message.

HSTSC0346E Container directory object name index directory object not found

Explanation: No additional information is available for this message.

HSTSC0347E Container directory object name index search key does not exist

Explanation: No additional information is available for this message.

HSTSC0348E Container directory object name index search key error. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0349E Container directory object name index death epoch ID incorrect

Explanation: No additional information is available for this message.

HSTSC0350E Container directory object name index birth epoch ID incorrect

Explanation: No additional information is available for this message.

HSTSC0351E Container file object version *sc_object_version* should be *sc_object_version*

Explanation: No additional information is available for this message.

HSTSC0352E Container file object first reserved space is incorrect.

Explanation: No additional information is available for this message.

HSTSC0353E Container file object status is incorrect.

Explanation: No additional information is available for this message.

HSTSC0354E Container file object status error. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0355E Container file object allocation unit *sc_object_size* is incorrect.

Explanation: No additional information is available for this message.

HSTSC0356E Container file object second reserved space is incorrect.

Explanation: No additional information is available for this message.

HSTSC0357E Container file object segment table entries is incorrect.

Explanation: No additional information is available for this message.

HSTSC0358E Container file object live block count is incorrect.

Explanation: No additional information is available for this message.

HSTSC0359E Container object common attributes basic file size is incorrect. *sc_common_attrib_size* should be less than *sc_common_attrib_size*

Explanation: No additional information is available for this message.

HSTSC0360E Container object common attributes basic block count is incorrect.

Explanation: No additional information is available for this message.

HSTSC0361E Container file object third reserved space is incorrect.

Explanation: No additional information is available for this message.

HSTSC0362E Container anchor record root page is incorrect.

Explanation: No additional information is available for this message.

HSTSC0363E SC anchor record load for container *sc_container_name* (*sc_container_id*) failed *sc_result_code*.

Explanation: No additional information is available for this message.

HSTSC0364E Container anchor record on disk is not the same as in memory copy for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0365E Container anchor record version *sc_anchor_version* should be *sc_anchor_version* for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0366E Container anchor record reserved field is not correct for container *sc_container_name* (*sc_container_id*). reserved: 0x*sc_anchor_reserved* reserved1:0x*sc_anchor_reserved*

Explanation: No additional information is available for this message.

HSTSC0367E Container anchor record flags field is not valid for container *sc_container_name* (*sc_container_id*).
Flags: 0x*sc_anchor_flags*.

Explanation: No additional information is available for this message.

HSTSC0368E Container anchor record update progress *sc_update_progress* should be *sc_update_progress* for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0369E Container anchor record ODT root count *sc_root_count* should be *sc_root_count* for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0370E Container anchor record ODT compare function *sc_compare_function* should be *sc_compare_function* for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0371E *sc_root_page* table root page is incorrect for container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0372E Container anchor record primary epoch ID *sc_epoch_id* should be between *sc_epoch_id* and *sc_epoch_id* for container *sc_container_name* (*sc_container_id*). Fatal error.

Explanation: No additional information is available for this message.

HSTSC0373E Container anchor record revert from epoch ID *sc_epoch_id* is incorrect

Explanation: No additional information is available for this message.

HSTSC0374E Container anchor record quota is not valid. Value is *sc_record_quota* in container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0375E Container anchor record alert percentage is not valid. Value is *sc_alert_percentage* in container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0376E Container anchor record hard/soft flag is not valid. Value is *0xsc_anchor_flag* in container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0377E Container anchor record quota is different than master, anchor quota *sc_container_quota*, master quota *sc_container_quota*, container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0378E Container anchor record alert percentage is different than master, anchor percentage *sc_alert_percent*, master percentage *sc_alert_percent*, container *sc_container_name* (*sc_container_id*).

Explanation: No additional information is available for this message.

HSTSC0379E Container anchor record hard/soft flag is different than master.

Explanation: No additional information is available for this message.

HSTSC0380E Container ODT <container *sc_container_name* (*sc_container_id*)> does not agree with anchor record <container *sc_container_name*, (*sc_container_id*)>

Explanation: No additional information is available for this message.

HSTSC0381E Container ODT root address (*0xsc_root_address*) does not agree with anchor record (*0Xsc_root_address*)

Explanation: No additional information is available for this message.

HSTSC0382E Container object ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0383E Container object epoch ID epoch is incorrect.

Explanation: No additional information is available for this message.

HSTSC0384E Container object ID reserved is incorrect.

Explanation: No additional information is available for this message.

HSTSC0385E Container object common attributes version *sc_object_version* should be *sc_object_version*

Explanation: No additional information is available for this message.

HSTSC0386E Container object common attributes basic type *sc_object_type* is incorrect.

Explanation: No additional information is available for this message.

HSTSC0387E Container object common attributes basic miscellaneous is incorrect.

Explanation: No additional information is available for this message.

HSTSC0388E Container object common attributes basic block size is incorrect.

Explanation: No additional information is available for this message.

HSTSC0389E Container object common attributes data version is incorrect.

Explanation: No additional information is available for this message.

HSTSC0390E Container object common attributes session version is incorrect.

Explanation: No additional information is available for this message.

HSTSC0391E Container object common attributes storage pool ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0392E Container object common attributes strategy is incorrect.

Explanation: No additional information is available for this message.

HSTSC0393E Container object common attributes birth epoch ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0394E Container object common attributes death epoch ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0395E Container object common attributes revertCount is incorrect.

Explanation: No additional information is available for this message.

HSTSC0396E Container object common attributes reserved *sc_object_reserved* is incorrect.

Explanation: No additional information is available for this message.

HSTSC0397E WORMHOLE type *sc_object_type*

Explanation: No additional information is available for this message.

HSTSC0398E Container object common attributes basic type *sc_object_type* is incorrect.

Explanation: No additional information is available for this message.

HSTSC0399E Container object common attributes permissions are incorrect.

Explanation: No additional information is available for this message.

HSTSC0400E Container object common attributes user ID/group ID are incorrect.

Explanation: No additional information is available for this message.

HSTSC0401E Container object common attributes STSD ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0402E Container object common attributes STSD domain is incorrect.

Explanation: No additional information is available for this message.

HSTSC0403E Container object common attributes STSD permissions is incorrect.

Explanation: No additional information is available for this message.

HSTSC0404E Container object common attributes security descriptor length *sc_descriptor_length* is incorrect.

Explanation: No additional information is available for this message.

HSTSC0405E Container object common attributes security descriptor data is incorrect.

Explanation: No additional information is available for this message.

HSTSC0406E Container object common attributes security descriptor data error. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0407E Container object common attributes basic link count is *sc_link_count*. Should be *sc_link_count*

Explanation: No additional information is available for this message.

HSTSC0408E Container object common attributes basic link count is incorrect.

Explanation: No additional information is available for this message.

HSTSC0409E Container object common attributes basic link count error. RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0410E Unable to lock container point-in-time table. Error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0411E Container PIT data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0412E Container point in time table key epoch ID is incorrect.

Explanation: No additional information is available for this message.

HSTSC0413E Container point in time table checksum is incorrect.

Explanation: No additional information is available for this message.

HSTSC0414E Container point-in-time table version *sc_data_version* should be *sc_data_version*

Explanation: No additional information is available for this message.

HSTSC0415E Container point-in-time table reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0416E Container point-in-time table timestamp is in the future

Explanation: No additional information is available for this message.

HSTSC0417E Container point-in-time table flags is incorrect.

Explanation: No additional information is available for this message.

HSTSC0418E Container *sc_table_name* data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0419E Container point-in-time table string lengths is incorrect

Explanation: No additional information is available for this message.

HSTSC0420E Container *sc_table_name* table key storage pool ID is not valid

Explanation: No additional information is available for this message.

HSTSC0421E Container *sc_table_name* table key object ID (*sc_object_id*) is not valid

Explanation: No additional information is available for this message.

HSTSC0422E Container *sc_table_name* table key reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0423E Container directory object segment table root page is incorrect

Explanation: No additional information is available for this message.

HSTSC0424E Container file object segment header *sc_error_message* version: *sc_version*

Explanation: No additional information is available for this message.

HSTSC0425E Container file object segment header *sc_error_message* magic: *0xsc_magic_number*

Explanation: No additional information is available for this message.

HSTSC0426E	Container file object segment header <i>sc_error_message</i> flags: <i>0xsc_flags</i>
Explanation:	No additional information is available for this message.

HSTSC0427E	Container file object segment header <i>sc_error_message</i> reserved <i>sc_reserved_number: sc_reserved</i>
Explanation:	No additional information is available for this message.

HSTSC0428E	Container file object segment header <i>sc_error_message</i> extentCount: <i>sc_extent_count</i>
Explanation:	No additional information is available for this message.

HSTSC0429E	Container file object segment header <i>sc_error_message</i> objectId: <i>sc_object_id</i>
Explanation:	No additional information is available for this message.

HSTSC0430E	Container file object segment header <i>sc_error_message</i> birthEpochId: <i>sc_epoch_id</i>
Explanation:	No additional information is available for this message.

HSTSC0431E	Container file object segment header <i>sc_error_message</i> deathEpochId: <i>sc_epoch_id</i>
Explanation:	No additional information is available for this message.

HSTSC0432E	Container file object segment header <i>sc_error_message</i> denseCount: <i>sc_dense_count</i>
Explanation:	No additional information is available for this message.

HSTSC0433E	Container file object segment header <i>sc_error_message</i> allocCount: <i>sc_alloc_count</i>
Explanation:	No additional information is available for this message.

HSTSC0434E	Container file object segment extent <i>sc_error_message</i> startRBN: <i>sc_event</i>
Explanation:	No additional information is available for this message.

HSTSC0435E	Container file object segment extent <i>sc_error_message</i> count: <i>sc_count</i>
Explanation:	No additional information is available for this message.

HSTSC0436E	Container file object segment extent <i>sc_error_message</i> arenaOffset: <i>sc_arena_offset</i>
Explanation:	No additional information is available for this message.

HSTSC0437E	Container file object segment header <i>sc_error_message</i> blockState: <i>sc_block_state</i>
Explanation:	No additional information is available for this message.

HSTSC0438E	Container file object segment <i>sc_error_message</i> calculated: <i>sc_checksum</i> , expected: <i>sc_checksum</i>
Explanation:	No additional information is available for this message.

HSTSC0439E	Container object STSD data consistency error for STSDobj: <i>sc_stsd_object_id</i>
Explanation:	No additional information is available for this message.

HSTSC0440E Container object STSD data fetch error for STSDobj: *sc_stsd_object_id* RC = *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0441E Container object STSD hash not found for STSDobj: *sc_stsd_object_id*

Explanation: No additional information is available for this message.

HSTSC0442E Container object STSD hash fetch error for STSDobj: *sc_stsd_object_id*

Explanation: No additional information is available for this message.

HSTSC0443E Container object STSD hash value corrupt for STSDobj: *sc_stsd_object_id*

Explanation: No additional information is available for this message.

HSTSC0444E Container STSD data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0445E Container STSD table key object ID is not valid

Explanation: No additional information is available for this message.

HSTSC0446E Container STSD table key object ID error *sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0448E Container STSD Hash data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0449E Container STSD table key object ID is not valid

Explanation: No additional information is available for this message.

HSTSC0450E Container STSD table key object ID error=*sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0451E Container object common attributes basic file size is incorrect.

Explanation: No additional information is available for this message.

HSTSC0452E Container object common attributes basic block count is incorrect.

Explanation: No additional information is available for this message.

HSTSC0453E Container object common attributes basic file size is incorrect.

Explanation: No additional information is available for this message.

HSTSC0454E Container symbolic links data does not agree with anchor record

Explanation: No additional information is available for this message.

HSTSC0455E Container symbolic link table key object ID is not valid

Explanation: No additional information is available for this message.

HSTSC0456E Container symbolic link table key object ID error=*sc_result_code*

Explanation: No additional information is available for this message.

HSTSC0457E Container symbolic link table key reserved space is incorrect

Explanation: No additional information is available for this message.

HSTSC0458E OID scan: out of memory.

Explanation: No additional information is available for this message.

HSTSC0459E Container file object block state should not be allocated.

Explanation: No additional information is available for this message.

HSTSC0460E Container file object block state should be bad.

Explanation: No additional information is available for this message.

HSTSC0461E *sc_function: sc_epoch_name_string* mismatch: entry: *sc_epoch_id*, dir: *sc_epoch_id*

Explanation: No additional information is available for this message.

HSTSC0462E *sc_function: sc_container_id.sc_object_id* filesize mismatch: *fileSize: sc_file_size*, *b_fileSize: sc_block_size*

Explanation: No additional information is available for this message.

HSTSC0463E *sc_function: sc_container_id.sc_object_id* linkcount mismatch: *linkCount: sc_link_count*, *b_linkCount: sc_block_link_count*

Explanation: No additional information is available for this message.

HSTSC0464E FlashCopy Image Cleaner: Error *sc_result_code* replacing key *sc_key.sc_epoch_id* in directory searchkey index at root page *sc_container_id.sc_key_index_root*, *objectId sc_object_id*.

Explanation: No additional information is available for this message.

HSTSC0465E FlashCopy Image Cleaner: Error *sc_result_code* replacing key *sc_name.sc_epoch_id* in directory name index at root page *sc_container_id.sc_index_root*, *objectId sc_object_id*.

Explanation: No additional information is available for this message.

HSTSC0466E FlashCopy Image Cleaner: Error *sc_result_code* removing key *sc_key.sc_epoch_id* from directory searchkey index at root page *sc_container_id.sc_index_root*, *objectId sc_object_id*.

Explanation: No additional information is available for this message.

HSTSC0467E FlashCopy Image Cleaner: Error *sc_result_code* removing key *sc_key.sc_epoch_id* from directory name index at root page *sc_container_id.sc_index_root*, *objectId sc_object_id*.

Explanation: No additional information is available for this message.

HSTSC0468E FlashCopy Image Cleaner: Unexpected error *sc_result_code* processing directory *sc_object_id*, searchKey index *sc_container_id.sc_index_root*, name index *sc_container_id.sc_index_root*.

Explanation: No additional information is available for this message.

HSTSC0469E Container file object segment header *&1* revert count: *&2* is incorrect

Explanation: Corruption of a file segment table header field.

Action: Run metadata check in salvage mode to fix this problem.

HSTSC0470E Too many duplicate blocks. Run check again.

Explanation: The metadata checker has encountered numerous duplicate blocks and stopped keeping track of any more. The metadata check command must be run again to finish.

Action: Run the metadata check command again.

HSTSC0471E Object *sc_object_id* in container *sc_container_id* has invalid type *invalid_type*.

Explanation: After loading an object from persistent storage, the object type (e.g., file, directory, symbolic link) was invalid. As a result, the object could not be loaded.

Action: Please run the metadata checker on the System Metadata for the specified container.

HSTSC0472I The storage pool for the file has been changed, OldStgPoolId = *cm_pool_id* OldStgPoolName = *cm_pool_name* NewStgPoolId = *cm_pool_id* NewStgPoolName = *cm_pool_name* OID = *sc_object_id*

Explanation: The storage pool for the file was changed because the old storage pool does not exist anymore.

Action: The file data is now stored in the default pool instead of the original pool because that pool does not exist anymore.

HSTSC0473I Deleted directory key with name *sc_object_name* for salvage.

Explanation: The metadata checker has salvaged a corrupted object by deleting it.

Action: Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0474E Salvage directory key with name *sc_object_name* failed with error *sc_result_code*.

Explanation: The metadata checker failed to salvage a corrupted object.

Action: Check the logs on specified server to view details of the metadata corruption. You may need to restore the object from a backup.

HSTSC0475E Salvage Free Space Map Leaf failure: Commit transaction failed with Error = *sc_result_code*. Container=*fs_container_id* FS Map root page=*fs_page_number*

Explanation: This is an internal error. An error occurred while committing transaction for salvaging free space map leaf.

Action: Retry the operation and if the error recurs, contact your service representative.

HSTSM0001I Connection request received from IP address *ip_address*, port *port_number*.

Explanation: No additional information is available for this message.

HSTSM0002W asmNetworkOutputStream: Tabular output was still in progress when end-of-response marker written.

Explanation: No additional information is available for this message.

HSTSM0003E **asmNetworkOutStream: Untranslated ADM command result code - *asm_result_code***

Explanation: No additional information is available for this message.

HSTSM0004E **Unable to create acceptor socket.**

Explanation: No additional information is available for this message.

HSTSM0005E **Unable to start session acceptor daemon.**

Explanation: No additional information is available for this message.

HSTSM0006E **Error *asm_result_code* sending data for session *asm_session_number***

Explanation: No additional information is available for this message.

HSTSM0007I **Received 0 bytes for session *asm_session_number***

Explanation: No additional information is available for this message.

HSTSM0008E **Error *asm_result_code* receiving data for session *asm_session_number***

Explanation: No additional information is available for this message.

HSTSM0009E **Error accepting new connection.**

Explanation: No additional information is available for this message.

HSTSM0010I **Stopping session acceptor daemon.**

Explanation: No additional information is available for this message.

HSTSM0011E **Error *asm_result_code* initializing acceptor socket.**

Explanation: No additional information is available for this message.

HSTSM0012E **Error *asm_result_code* setting socket option for acceptor socket.**

Explanation: No additional information is available for this message.

HSTSM0013E **Error *asm_result_code* binding port *asm_port_number* to acceptor socket.**

Explanation: No additional information is available for this message.

HSTSM0014E **Error *asm_result_code* listening on acceptor socket.**

Explanation: No additional information is available for this message.

HSTSM0015E **Administrative command failed: unable to allocate required memory.**

Explanation: No additional information is available for this message.

HSTSM0016E **Administrative command failed: invalid message header.**

Explanation: No additional information is available for this message.

HSTSM0017E Administrative command failed: invalid message type.

Explanation: No additional information is available for this message.

HSTSM0018E Administrative command failed: invalid message length.

Explanation: No additional information is available for this message.

HSTSM0019E asmShippedCmdAction: Error sending reply to node *asm_result_code*

Explanation: No additional information is available for this message.

HSTSM0020I Dropping connection for IP address *asm_ip_address*, port *asm_port_id*.

Explanation: No additional information is available for this message.

HSTTM0001I Client name *client_name* identified as client ID *client_id* from IP address *ip_address*, port *port_number*.

Explanation: No additional information is available for this message.

HSTTM0002I ReassertDataLock: FromClient=*tm_client_id*, TxnId=*tm_txn_id*, ObjId=*tm_object_id*, LockMode=*tm_lock_mode*, Bad [Epoch,Version] Current [*tm_epoch_value*,*tm_data_version*], Requested [*tm_epoch_value*,*tm_data_version*].

Explanation: No additional information is available for this message.

HSTTM0003I ReassertSessionLock: FromClient=*tm_client_id*, TxnId=*tm_txn_id*, ObjId=*tm_object_id*, LockMode=*tm_lock_mode*, Bad [Epoch,Version] Current [*tm_epoch_value*,*tm_data_version*], Requested [*tm_epoch_value*,*tm_data_version*].

Explanation: No additional information is available for this message.

HSTTM0004E getObjectType: Detach in progress. Retry the request for < @1. @2.

Explanation: No additional information is available for this message.

HSTTM0005E TM process transaction message: Ignored message. The message type is not valid (0x@1@2).

Explanation: No additional information is available for this message.

HSTTM0006E DeferredDowngradeDataLock: too much STSD Data: client=*tm_client_id*, size=*tm_stsd_length*.

Explanation: No additional information is available for this message.

HSTTM0007E Warning. OM RC *tm_om_result_code* not translated.

Explanation: No additional information is available for this message.

HSTTM0008E tmMsgBuilder::setUnicodeString: Insufficient space in message.

Explanation: No additional information is available for this message.

HSTTM0009S CALLHOME: tmMsgBuilder::setUnicodeString: Insufficient space in message. The server process is stopping.

Explanation: No additional information is available for this message.

HSTTM0010E **tmMsgBuilder::setObjAttr: Insufficient space in message. Length *tm_msg_length*, offset *tm_msg_offset*, free *tm_msg_remaining_space*, object: type *tm_object_type*, linkCount *tm_link_count***

Explanation: No additional information is available for this message.

HSTTM0011S **CALLHOME: tmMsgBuilder::setObjAttr: Insufficient space in message. Length *tm_msg_length*, offset *tm_msg_offset*, free *tm_msg_remaining_space*, object: type *tm_object_type*, linkCount *tm_link_count*. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTTM0012E **TM immediate message: Ignored message - The message type is not valid (0x@1@2).**

Explanation: No additional information is available for this message.

HSTTM0013E **TMRep: Error initializing UDP socket.**

Explanation: No additional information is available for this message.

HSTTM0014E **TMRep: Error binding port *tm_port_id* to TCP socket.**

Explanation: No additional information is available for this message.

HSTTM0015E **TMRep: Error initializing UDP socket.**

Explanation: No additional information is available for this message.

HSTTM0016E **TMRep: Error binding port @1 to TCP socket.**

Explanation: No additional information is available for this message.

HSTTM0017E **TMRep: Unable to start UDP receiver thread.**

Explanation: No additional information is available for this message.

HSTTM0018E **TMRep: Unable to start *tm_thread_name* cleanup thread.**

Explanation: No additional information is available for this message.

HSTTM0019E **TMRep: Error initializing the STP ping socket.**

Explanation: No additional information is available for this message.

HSTTM0020E **TMRep: Error binding STP ping socket to ip=*tm_ip_address*.**

Explanation: No additional information is available for this message.

HSTTM0021E **Expire Lease: ClientId=*tm_client_id***

Explanation: No additional information is available for this message.

HSTTM0022E **TM: Unable to deliver message to client *tm_client_id* at IP address *tm_ip_address* after *tm_retry_attempts* attempts. The message type is: (*tm_msg_type*:0x*tm_msg_type_value*)**

Explanation: No additional information is available for this message.

HSTTM0023E TM receiver: Error *tm_result_code(tm_session_id)* receiving datagram.

Explanation: No additional information is available for this message.

HSTTM0024E TM receiver: Invalid message. Datagram length (*tm_datagram_length*) less than protocol message header size (*tm_protocol_header_size*).

Explanation: No additional information is available for this message.

HSTTM0025E TM receiver: Invalid signature in message header.

Explanation: No additional information is available for this message.

HSTTM0026E TM receiver: invalid message. Message length in header (*tm_msg_length*) not equal to datagram length (*tm_datagram_length*).

Explanation: No additional information is available for this message.

HSTTM0027E TM receiver: protocol version number (*tm_protocol_version*) in message header is invalid.

Explanation: No additional information is available for this message.

HSTTM0028E TM receiver: ignored Renew Lease - unidentified client Id = *tm_client_id*, IPaddress= *ip_address*, Port= *port_number* Old known clientId = *client_id*.

Explanation: No additional information is available for this message.

HSTTM0029E TM receiver: Ignored shutdown. The client *client_id*. is unidentified.

Explanation: No additional information is available for this message.

HSTTM0030E TM receiver: Ignored message. The client *client_id*. is unidentified.

Explanation: No additional information is available for this message.

HSTTM0031E TM receiver: Sending ExpireLease message to client *tm_client_id*.
MsgType:(*tm_msg_name:0x**tm_msg_type_value*)

Explanation: No additional information is available for this message.

HSTTM0032E TM receiver: ignored message. The message type (*0x**tm_msg_type*) is not valid.

Explanation: No additional information is available for this message.

HSTTM0033E TM: Mismatch on LM::SessionLockMode enumeration.

Explanation: No additional information is available for this message.

HSTTM0034E TM: Mismatch on LM::DataLockMode enumeration.

Explanation: No additional information is available for this message.

HSTTM0035E TM: Mismatch on OM::Null_SessionVersion.

Explanation: No additional information is available for this message.

HSTTM0036E TM: Mismatch on OM:Null_DataVersion.

Explanation: No additional information is available for this message.

HSTTM0037E TM: Mismatch on ObjType enumeration.

Explanation: No additional information is available for this message.

HSTTM0038E TM: Mismatch on MiscObjAttr enumeration.

Explanation: No additional information is available for this message.

HSTTM0039E TM: Mismatch on Permission enumeration.

Explanation: No additional information is available for this message.

HSTTM0040E TM: Mismatch on BasicObjAttrFlags enumeration.

Explanation: No additional information is available for this message.

HSTTM0041E TM: Mismatch on AccessCtlFlags enumeration.

Explanation: No additional information is available for this message.

HSTTM0042E TM: Open directory scan failed: DIR OID = *tm_object_id*, RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0043E TM: Check file on disk failed: OID = *tm_object_id*, RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0044E TM: Fetch directory entry failed: DIR OID = *tm_object_id*, RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0045E TM: Revoke session lock failed: OID = *tm_object_id*, RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0046E TM: An error occurred during the operation. A cluster transition has occurred.

Explanation: No additional information is available for this message.

HSTTM0047E TM: Operation failed because the container access mode changed. Old = *tm_access_mode*, New = *tm_access_mode*.

Explanation: No additional information is available for this message.

HSTTM0048E The getObjAttr() function failed in line *tm_line_number* of file *tm_file_name*. RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0049E Internal error: A grace period was initiated on container *tm_container_name* (*tm_container_id*) that is already in grace period. You may need to restart the server to correct the problem.

Explanation: No additional information is available for this message.

HSTTM0050E Unable to activate container grace period lock filter: node=*tm_node_id* container=*tm_container_name* (*tm_container_id*). RC=*tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0051E Start container grace period cleaner thread failed: *errno=tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0052E Committing container *tm_container_name* (*tm_container_id*) to current epoch failed. RC = *tm_result_code*. Container will not be accessible. You may need to restart the server to correct the problem.

Explanation: No additional information is available for this message.

HSTTM0053W TM immediate message: Ignored message - Message type (*0x~~tm~~msg_type*) is not valid.

Explanation: No additional information is available for this message.

HSTTM0054S *tmMsgBuilder:setObjAttr*: Insufficient space in message.

Explanation: No additional information is available for this message.

HSTTM0055S CALLHOME: *tmMsgBuilder:setObjAttr*: Insufficient space in message. The server process is stopping.

Explanation: No additional information is available for this message.

HSTTM0056S File removed from container *tm_container_name* (*tm_container_id*) : *tm_path_name*/*tm_file_name*

Explanation: No additional information is available for this message.

HSTTM0057S File has blocks that are not valid in container *tm_container_name* (*tm_container_id*) : *tm_path_name*/*tm_file_name*

Explanation: No additional information is available for this message.

HSTTM0058E TMRep: Error initializing TCP socket.

Explanation: No additional information is available for this message.

HSTTM0059E TMRep: Unable to start TCP listener thread.

Explanation: No additional information is available for this message.

HSTTM0060E TMRep: Error binding port *tm_port_id* to UDP socket.

Explanation: No additional information is available for this message.

HSTTM0061E TMRep: Error connecting STP ping socket to peer *tm_ip_address:tm_port_id*.

Explanation: No additional information is available for this message.

HSTTM0062E TM receiver: Peer disconnected from IPaddress=*tm_ip_address*, Port=*tm_port_id*

Explanation: No additional information is available for this message.

HSTTM0063E TM: Error *tm_result_code* setting socket option for acceptor socket.

Explanation: No additional information is available for this message.

HSTTM0064E TM: Listen call failed

Explanation: No additional information is available for this message.

HSTTM0065E TM: Error accepting new connection.

Explanation: No additional information is available for this message.

HSTTM0066S TMRep: Unable to start TCP receiver thread.

Explanation: No additional information is available for this message.

HSTTM0067I Information. Disconnect_all_clients() callback called from Group Services

Explanation: No additional information is available for this message.

HSTTM0068S TM: Mismatch on Group Services and STP cluster name lengths.

Explanation: No additional information is available for this message.

HSTTM0069E TM: acquireOpSessionLock() failed with RC = *tm_result_code* in file *tm_file_name*, line *tm_line_number*

Explanation: No additional information is available for this message.

HSTTM0070E TMPRep::manage_atimes failed getAttr on object *tm_object_id* with RC = *tm_result_code*, in file *tm_file_name*, line *tm_line_number*.

Explanation: No additional information is available for this message.

HSTTM0071E TMPRep::transmit_publish_atime: tmMsgBuilder::storeAtimeUpdate failed with *rval=tm_result_code* in file *tm_file_name*, line *tm_line_number*

Explanation: No additional information is available for this message.

HSTTM0072E Unable to send atime publish message to client *tm_client_id*.

Explanation: No additional information is available for this message.

HSTTM0073E TMPRep::transmit_publish_atime: sendMsg failed with *rval=tm_result_code* in file *tm_file_name*, line *tm_line_number*

Explanation: No additional information is available for this message.

HSTTM0074W TM: Expiring overdue lease of client: *tm_client_id*.

Explanation: No additional information is available for this message.

HSTTM0075W TM: Removing inactive client: *tm_client_id*.

Explanation: No additional information is available for this message.

HSTTM0076I getObjType: Detach In progress. Retry the request for *tm_object_id*.

Explanation: No additional information is available for this message.

HSTTM0077W TM process tranaction message: Ignored message - Message type (0x*tm_msg_type*) is not valid.

Explanation: No additional information is available for this message.

HSTTM0078E tmUnblockClientAccess failed.

Explanation: No additional information is available for this message.

HSTTM0079E TM: PublishRootClientInfoMsg Sent for Client ID *tm_client_id* with flag *tm_flag_value* (Error Retcode=*tm_result_code*).

Explanation: No additional information is available for this message.

HSTTM0080I Warning. Message from client clientId:(*tm_client_id*), IP address:Port:(*tm_ip_address:tm_port_id*) took longer than 5 seconds. MsgType:(*tm_msg_type_name:0x**tm_msg_type_value*), Start time : (*tm_proc_start_time*), End time : (*tm_proc_end_time*), Total time : (*tm_proc_total_time*).

Explanation: No additional information is available for this message.

HSTTM0081E TM: Lease renew send failed. Client ID = *tm_client_id*, RC = *tm_result_code*, Sock error = *tm_socket_result_code*.

Explanation: No additional information is available for this message.

HSTTM0082E TM: fetchFOVinContainer failed while scanning container *tm_container_name*

Explanation: No additional information is available for this message.

HSTTM0083E TM: fetchFOVinContainer failed while repositioning in container *tm_container_name*

Explanation: No additional information is available for this message.

HSTTM0084E Remove file failed: Object ID = *tm_object_id*, RC = *tm_result_code*

Explanation: No additional information is available for this message.

HSTTM0085E Returning partial path: *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0086E Stop: Returning intermediate path: *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0087E Continue: Returning tail path: *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0088I Last file (not saved): *tm_path_name* *tm_path_length*

Explanation: No additional information is available for this message.

HSTTM0089I Last file (saved): *tm_path_name tm_path_length*

Explanation: No additional information is available for this message.

HSTTM0090E TM: **fetch_files_from_directory failed while scanning directory** *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0091E TM: **refetch_files_from_directory failed while repositioning in directory** *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0092E TM: **refetch_files_from_directory failed while scanning directory** *tm_path_name*

Explanation: No additional information is available for this message.

HSTTM0093E File = *tm_file_name*

Explanation: No additional information is available for this message.

HSTTM0094E **startPitCleaner failed to start pit_cleaner(): Thread ID =** *tm_thread_id*

Explanation: No additional information is available for this message.

HSTTM0095E No memory for FlashCopy cleaner state

Explanation: No additional information is available for this message.

HSTTM0096E Open container failed for node *dg_node_id*, container *tm_container_name (tm_container_id)*, RC = *dg_result_code*.

Explanation: No additional information is available for this message.

HSTTM0097E Lock grace period filter could not be installed for node *tm_node_id*, container *tm_container_name (tm_container_id)*, RC = *tm_result_code*.

Explanation: No additional information is available for this message.

HSTTM0098I Starting lock grace period of *tm_lock_grace_period* seconds on container *tm_container_id*.

Explanation: No additional information is available for this message.

HSTTM0099I Ending lock grace period on container *tm_container_id*.

Explanation: No additional information is available for this message.

HSTTM0100E Unable to end lock grace period because committing to current epoch failed. Container *tm_container_id* will be in restricted access mode. This failure may be due to an inability to write to the disks. You may need to restart the server.

Explanation: No additional information is available for this message.

HSTTM0101I Metadata check rescan

Explanation: No additional information is available for this message.

HSTTM0102W CreateDir: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*, Created Directory *tm_object_id* (*tm_directory_name*)

Explanation: No additional information is available for this message.

HSTTM0103W CreateFile: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*, Created File *tm_object_id* (*tm_file_name*)

Explanation: No additional information is available for this message.

HSTTM0104W CreateHardLink: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*, Hard Link *tm_object_id* (*tm_link_name*)

Explanation: No additional information is available for this message.

HSTTM0105W CreateSymLink: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*, Sym Link *tm_symlink_name*

Explanation: No additional information is available for this message.

HSTTM0106W BlkDiskAllocate: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, File *tm_file_name*

Explanation: No additional information is available for this message.

HSTTM0107W BlkDiskUpdate: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, File *tm_file_name*

Explanation: No additional information is available for this message.

HSTTM0108W ChangeName: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Source Directory *tm_directory_name*, Source Child *tm_object_id* (*tm_object_id*), Target Directory *tm_directory_name*, Target Child *tm_object_id* (*tm_object_id*)

Explanation: No additional information is available for this message.

HSTTM0109W RemoveName: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*, Removed Object *tm_object_id* (*tm_object_id*)

Explanation: No additional information is available for this message.

HSTTM0110W SetBasicObjAttr: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Object *tm_object_id*

Explanation: No additional information is available for this message.

HSTTM0111W SetAccessCtlAttr: Response not delivered, ToClient *tm_client_id*, TxnId *tm_txn_id*, Object *tm_object_id*

Explanation: No additional information is available for this message.

HSTTM0112I TM metadata check stopped.

Explanation: No additional information is available for this message.

HSTTM0113E Protocol Transaction Manager metadata check error. RC = *tm_result_code*

Explanation: No additional information is available for this message.

HSTTM0114E TM metadata check out of memory

Explanation: No additional information is available for this message.

HSTTM0115E Salvage object *tm_object_id*

Explanation: No additional information is available for this message.

HSTTM0116E Protocol Transaction Manager metadata check unable to set data lock mode. RC = *tm_result_code*

Explanation: No additional information is available for this message.

HSTTM0117E Salvage object removing directory entry *tm_directory_name*

Explanation: No additional information is available for this message.

HSTTM0118E Container object common attributes basic file size is *tm_file_size*. Should be *tm_file_size*

Explanation: No additional information is available for this message.

HSTTM0119E Salvage reclaim entry removing *tm_object_name*

Explanation: No additional information is available for this message.

HSTTM0120E TFilter: *tm_filter_name*: revoke locks: Get object information failed. OID = *tm_object_id*: RC = *tm_result_code*

Explanation: An attempt to obtain file system object information failed.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0121E TFilter: *tm_filter_name*: revoke locks: Increment datalock version failed. OID=*tm_object_id*: RC = *tm_result_code*: Requested lock mode= *tm_data_lock_mode*: Datalock wait mode= *tm_data_wait_mode*: Demand data lock return code= *tm_result_code*:

Explanation: A Metadata server encountered an error while incrementing the data lock version of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0122E TFilter: *tm_filter_name*: revoke locks: Revoke object datalocks failed. OID=*tm_object_id*: Requested datalock mode= *tm_data_lock_mode*: Datalock wait mode= *tm_data_lock_mode*: Is lock stolen= *tm_stolen_lock_flag*: RC = *tm_result_code*:

Explanation: A Metadata server encountered an error while revoking the data lock of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0123E TFilter: *tm_filter_name*: revoke locks: Increment session lock version failed. OID=*tm_object_id*: RC = *tm_result_code*: Requested sessionlock mode= *tm_session_lock_mode*: Demand flag= *tm_demand_flag*: RC = *tm_result_code*:

Explanation: A Metadata server encountered an error while incrementing the session lock version of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0124E Object *tm_object_id* should be salvaged

Explanation: The metadata checker is in scan only mode. The object is corrupt and needs to be salvaged to solve and/or prevent errors. There should be a message before this one describing the problem found.

Action: Users of the object should be notified. To salvage the object run the metadata checker in salvage mode.

HSTTM0125E Revoke container locks failed due to cluster transition.

Explanation: Cluster transition happened while revoking container locks.

Action: Redrive the admin command after the cluster reformation.

HSTTM0126E Revoke container locks : Increment data lock version failed. OID = *tm_object_id*, RC = *tm_result_code*,

Explanation: A Metadata server encountered an error while incrementing the data lock version of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0127E Revoke container locks : Revoke object datalocks failed. OID = *tm_object_id*, Is lock stolen= *tm_stolen_lock_flag*; RC = *tm_result_code*,

Explanation: A Metadata server encountered an error while revoking the data lock of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0128E Revoke container locks : Increment session lock version failed. OID = *tm_object_id*; RC = *tm_result_code*:

Explanation: A Metadata server encountered an error while incrementing the session lock version of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0129E Revoke container locks : Revoke object session lock failed. OID = *tm_object_id*, Is lock stolen= *tm_stolen_lock_flag*; RC = *tm_result_code*,

Explanation: A Metadata server encountered an error while revoking the session lock of a file system object.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0130I Protocol transaction manager started using *client_protocol*

Explanation: No additional information is available for this message.

HSTTM0131W Revoke datalocks: No threads are available to process the data lock demand. Object ID=*object_id*, Demanded mode=*demand_mode*

Explanation: The server was unable to respond to a data lock demand because there were no threads available to service the request.

Action: Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0132I Deleted object *tm_object_id* for salvage.

Explanation: The metadata checker has salvaged a corrupted object by deleting it.

Action: Check the logs on specified server to view details of the metadata corruption and repair.

HSTTM0133E Metadata container salvage failed on rescan.

Explanation: Metadatachecker detected that it could not salvage the container in two passes. This could mean that the container has a corruption that causes cascaded salvage of objects in every pass.

Action: Retry the operation and if the error recurs, contact your service representative. The container might be severely corrupted and may need to be removed.

HSTTM0134E Metadata container salvage done too many times on same object *tm_object_id*.

Explanation: Metadatachecker detected that it could not salvage the object in five consecutive passes.

Action: Retry the operation and if the error recurs, contact your service representative. The object might be severely corrupted and may need to be removed.

HSTVC0001S VCMSG: Internal VCM error: *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0002S VCMSG: Metadata is not compatible with this code version.

Explanation: No additional information is available for this message.

HSTVC0003S VCMSG: An I/O error occurred while reading version control records.

Explanation: No additional information is available for this message.

HSTVC0004S VCMSG: The version control master record is not valid.

Explanation: No additional information is available for this message.

HSTVC0005S VCMSG: The version control present versions record is not valid.

Explanation: No additional information is available for this message.

HSTVC0006S VCMSG: Generation mismatch between version control master and present versions records.

Explanation: No additional information is available for this message.

HSTVC0007S VCMSG: Version control master record version *vcm_record_version* and present versions record version *vcm_record_version* not supported.

Explanation: No additional information is available for this message.

HSTVC0008S VCMSG: Store of version control records failed with error: *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0009I VCMSG: Generation mismatch master generation=*vcm_record_version*, committed SW version=*vcm_record_version*, timestamp=*vcm_record_timestamp*.

Explanation: No additional information is available for this message.

HSTVC0010I VCMSG: Generation mismatch present versions generation=*vcm_record_version*, committed software version=*vcm_record_version*, timestamp=*vcm_record_timestamp*.

Explanation: No additional information is available for this message.

HSTVC0011S VCMSG: Commit of version control data failed with error: *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0012S VCMSG: Version control data is corrupt.

Explanation: No additional information is available for this message.

HSTVC0013I VCMSG: Version control data has been repaired.

Explanation: No additional information is available for this message.

HSTVC0014S VCMSG: Version control data repair failed with error *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0015S VCMSG: repair(): Master Record is older, cannot repair because software version *vcm_record_version* does not match committed version *vcm_record_version*.

Explanation: No additional information is available for this message.

HSTVC0016E VCMSG: Data Incompatible: Index: *vcm_index_value*.

Explanation: No additional information is available for this message.

HSTVC0017I VCMSG: repair(): Master record is newer, applying data to present versions record.

Explanation: No additional information is available for this message.

HSTVC0018I VCMSG: repair(): Master Record is older, but committed version is same as software, fixing generation.

Explanation: No additional information is available for this message.

HSTVC0019I VCMSG: repair(): Master Record is older, missed upgradecluster, repairing Master Record.

Explanation: No additional information is available for this message.

HSTVC0020E VCMSG: A read of version control records failed with error: *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0021I Version Control Manager metadata check stopped.

Explanation: No additional information is available for this message.

HSTVC0022E Warning. A Metadata check command was issued to a subordinate node. This command must be issued to the master node.

Explanation: No additional information is available for this message.

HSTVC0023E Version control data is corrupt.

Explanation: No additional information is available for this message.

HSTVC0024E Version Control Manager load failed *vcm_result_code*

Explanation: No additional information is available for this message.

HSTVC0025I Repairing version control data.

Explanation: No additional information is available for this message.

HSTVC0033W VCM: Upgrade cluster failed because not all nodes are running the same software version.

Explanation: No additional information is available for this message.

HSTVC0034W VCM: Upgrade cluster failed because data conversion from a previous upgrade is still in progress.

Explanation: No additional information is available for this message.

HSTVC0035E VCM: Upgrade cluster failed because the Version Control Manager commit failed. RC = *vcm_result_code*.

Explanation: No additional information is available for this message.

HSTVC0036I VCM: Upgrade cluster to software version *vcm_version_string* succeeded. No data conversion is necessary.

Explanation: No additional information is available for this message.

HSTWA0001E WAL: Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0002E WAL: Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0003E An error occurred while formatting space on volume ID @1

Explanation: No additional information is available for this message.

HSTWA0004E Error @1 locking volumeId @2

Explanation: No additional information is available for this message.

HSTWA0005E Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0006E Checkpoint area is not valid, WAL volId=@1, emptyState=@2

Explanation: No additional information is available for this message.

HSTWA0007E Unable to start Write-ahead log extender thread.

Explanation: No additional information is available for this message.

HSTWA0008E Version is not valid, WAL volId=@1, newVersion=@2, oldVersion=@3

Explanation: No additional information is available for this message.

HSTWA0009E WAL VolId=@1: Head caught up with tail. No space is available.

Explanation: No additional information is available for this message.

HSTWA0010E Unable to allocate aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0011S WAL: Unable to get aligned buffer (install).

Explanation: No additional information is available for this message.

HSTWA0012S CALLHOME: WAL: Unable to get aligned buffer (install). The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0013S WAL: Unable to get aligned buffer (extend).

Explanation: No additional information is available for this message.

HSTWA0014S CALLHOME: WAL: Unable to get aligned buffer (extend). The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0015E Error formatting space on volume ID *wal_volume_id*

Explanation: No additional information is available for this message.

HSTWA0016E Error *wal_result_code* locking volume ID *wal_volume_id*.

Explanation: No additional information is available for this message.

HSTWA0017E Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0018S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0019S CALLHOME: WAL: Forced abort in walwriterrep.C, line *wal_line_number*. The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0020E Checkpoint area is not valid. Write-ahead log volume ID = *wal_volume_id*, emptyState = *wal_empty_state*

Explanation: No additional information is available for this message.

HSTWA0021E Unable to start write-ahead log extender thread.

Explanation: No additional information is available for this message.

HSTWA0022E Version is not valid. Write-ahead log volume ID = *wal_volume_id*, newVersion = *wal_wal_version*, oldVersion = *wal_wal_version*.

Explanation: No additional information is available for this message.

HSTWA0023E OBSOLETE: WAL VolId = *wal_volume_id*: Head caught up with tail! NO SPACE! Empty = *wal_empty_flag*, headUSN = *wal_head_usn*, tailUSN = *wal_tail_usn*, ckptTailUSN = *wal_tail_usn*, capacity = *wal_page_capacity*

Explanation: No additional information is available for this message.

HSTWA0024S Unable to allocate aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0025S CALLHOME: Unable to allocate aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0026E Error *wal_result_code* locking volume ID *wal_volume_id*

Explanation: No additional information is available for this message.

HSTWA0027E Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0028S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0029E Checkpoint area is not valid.

Explanation: No additional information is available for this message.

HSTWA0030E Unable to get aligned buffer.

Explanation: No additional information is available for this message.

HSTWA0031S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation: No additional information is available for this message.

HSTWA0032E Calculated tail page is not equal to checkpointed tail page. Volume ID = *wal_volume_id*, ckptTailUSN = *wal_tail_usn*, pageCapacity = *wal_page_capacity*, VirtPageNo = *wal_virtual_page_number*, ckptTailPageNo = *wal_tail_usn*.

Explanation: No additional information is available for this message.

HSTWA0033E Write-ahead log record header is not valid.

Explanation: No additional information is available for this message.

HSTWA0034E Write-ahead log record epoch is not equal to checkpoint epoch. recordEpoch = *wal_epoch_id* checkpoint epoch = *wal_epoch_id*.

Explanation: No additional information is available for this message.

HSTWA0035E RC = *wal_result_code* **making write-ahead log empty.**

Explanation: No additional information is available for this message.

HSTWA0036E **Write-ahead log record epoch is not equal to checkpoint epoch.** *pageEpoch = wal_epoch_id*
checkpoint epoch = wal_epoch_id.

Explanation: No additional information is available for this message.

HSTWA0037E **The calculated tailUSN pageNo is not equal to pageHdrUSN pageNo.** *Volume ID = wal_volume_id,*
tailUSN pageNo = wal_tail_usn, pageHdrUSN pageNo = wal_page_header_usn

Explanation: No additional information is available for this message.

HSTWA0038E **Write-ahead log page header is not valid.** *Volume ID = wal_volume_id, PageUSN = wal_page_usn,*
Bytes used = wal_byte_count

Explanation: No additional information is available for this message.

HSTWA0039I **Write-ahead log checkpoint area (Volume ID = *wal_volume_id*):** *magic1: wal_magic_number,*
structureVersion: wal_structure_version logEmpty: wal_empty_flag
wal_empty_usn_type:wal_empty_usn_value tailPageNo: wal_tail_page_number.

Explanation: No additional information is available for this message.

HSTWA0040I **Write-ahead log checkpoint area (continued):** *pageCapacity: wal_page_capacity extendStatus:*
wal_extended_status epoch: wal_epoch_id version: wal_wal_version magic2: wal_magic_number.

Explanation: No additional information is available for this message.

HSTWA0041S **CALLHOME: WAL: Unable to update the version on disk. The server process is stopping.**

Explanation: No additional information is available for this message.

HSTWA0042E **Version is not valid., Write-ahead log volume ID = *cm_wal_volume_id*, newVersion =**
cm_wal_version, oldVersion = cm_wal_version.

Explanation: No additional information is available for this message.

Appendix A. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully.

Features:

These are the major accessibility features in SAN File System:

- You can use screen-reader software and a digital speech synthesizer to hear what is displayed on the screen.

Note: The SAN File System Information Center and its related publications are accessibility-enabled for the IBM Home Page Reader.

- You can operate all features using the keyboard instead of the mouse.

Navigating by keyboard:

You can use keys or key combinations to perform operations and initiate many menu actions that can also be done through mouse actions. You can navigate the SAN File System console and help system from the keyboard by using the following key combinations:

- To traverse to the next link, button or topic, press Tab inside a frame (page).
- To expand or collapse a tree node, press Right or Left arrows, respectively.
- To move to the next topic node, press Down arrow or Tab.
- To move to the previous topic node, press Up arrow or Shift+Tab.
- To scroll all the way up or down, press Home or End, respectively.
- To go back, press Alt+Left arrow
- To go forward, press Alt+Right arrow.
- To go to the next frame, press Ctrl+Tab. There are quite a number of frames in the help system.
- To move to previous frame, press Shift+Ctrl+Tab.
- To print the current page or active frame, press Ctrl+P.

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This glossary uses the following cross-reference forms:

- See** This refers the reader to one of two kinds of related information:
- A term that is the expanded form of an abbreviation or acronym. This expanded form of the term contains the full definition.

- A synonym or more preferred term

See also

This refers the reader to one or more related terms.

ACLI. See *Administrative command-line interface (ACLI)*.

Administrative command-line interface (ACLI). A command-line interface used to administer all aspects of the SAN File System. The ACLI runs on all engines that host Metadata servers and the Administrative server.

administrative log. A log that maintains a history of messages created by the Administrative server.

Administrative server. For SAN File System, a set of servlets running within a customized instance of WebSphere Application Server that handles all SAN File System administrative requests from the SAN File System console. See also *SAN File System console*.

alert. A message or other indication that identifies a problem or an impending problem.

audit log. A log that maintains the history of all commands issued by any administrator for all Metadata servers in the cluster.

CIM. See *Common Information Model*.

CIM client application. A storage management program that initiates CIM requests to the Administrative agent for the device.

CIM namespace. The scope within which a CIM schema applies.

CIM object manager (CIMOM). The common conceptual framework for data management that receives, validates, and authenticates the CIM requests from the client application and then directs the requests to the appropriate component or device provider.

CIMOM. See *CIM object manager*.

client. For SAN File System, a client is a system that can access the SAN File System. These clients act as servers to a broader clientele, providing Network File System or Common Internet File System access to the global namespace or hosting applications (such as database servers or Web-hosting services that use multiple servers).

class. The definition of an object within a specific hierarchy. An object class can have properties and methods and serve as the target of an association.

CLI. See *Administrative command-line interface*.

client state manager (CSM). A component of the client kernel that provides protocol support for the client.

cluster. A group of engines that is managed as a set and presents a single point of control for configuration and service activity.

cluster log. A log that maintains a history of messages created by all Metadata servers in the cluster.

cluster state. A status condition of the cluster. Cluster states can be inactive (Not running or Forming), active (Online, Offline, Partly quiescent, or Fully quiescent) or unknown. See also *Forming*, *Fully quiescent*, *Not running*, *Offline*, *Online*, and *Partly quiescent*.

Common Information Model (CIM). A set of standards from the Distributed Management Task Force Inc. (DMTF). CIM provides a conceptual framework for storage management and an open approach to the design and implementation of storage systems, applications, databases, networks, and devices.

coordinated universal time (UTC). The time scale, based on the System International (SI) second, as defined and recommended by the Comité International de la Radio (CCIR) and maintained (using an atomic clock) by the Bureau International des Poids et Mesures (BIPM).

CSM. See *client state manager*.

default user storage pool. A storage pool that stores file data that SAN File System has not assigned (using the active policy) to a user storage pool, as well as file data that is assigned directly to this storage pool. There is only one default user storage pool; however, you can assign any user storage pool as the default storage pool. See also *user storage pool*.

engine. The hardware unit that hosts the software for the Metadata server.

event log. (1) A log that maintains a history of event messages issued by all Metadata servers in the cluster. (2) IBM Term: A log that contains information about events for a particular system or group, for a particular metric, or for all the events that are associated with a specific monitor.

file-placement rule. A rule that controls in what pool SAN File System places files in the global namespace. See also *rule* and *global namespace*.

fileset. A hierarchical grouping of files managed as a unit for balancing workload across a cluster.

FlashCopy image. A space-efficient image of the contents of part of the SAN File System at a particular moment.

Forming. A status condition where the cluster has a master and is in the process of forming. This state is always the initial one whenever a cluster is newly formed.

Fully quiescent. A status condition that cuts off all client communication with the cluster.

global namespace. A single file system that provides complete, shared access to both Windows and UNIX clients in the same environment.

ID. See *identifier*.

identifier (ID). A sequence of bits or characters that identifies a user, program, device, or system to another user, program, device, or system.

Initializing. A status condition during which a Metadata server or the entire cluster is set up for the first time.

key. A property that is used to provide a unique identifier for an instance of a class. Key properties are marked with the Key qualifier. (D)

lease. The amount of time that a client can hold a lock.

lock. A restriction that allows clients to have exclusive access to files. Types of locks include *data locks*, *session locks*, and *range locks*.

logical unit (LU). In open systems, a logical disk drive.

logical unit number (LUN). In the small computer system interface (SCSI) protocol, a unique number used on a SCSI bus to enable it to differentiate between up to sixteen separate devices per SCSI ID address, each of which is a logical unit.

LU. See *logical unit*.

LUN. See *logical unit number*.

managed object format (MOF). A compiled language for defining classes and instances. A MOF compiler offers a textual means of adding data to the CIM Object Manager repository. MOF eliminates the need to write code, thus providing a simple and fast technique for modifying the CIM Object Manager repository. (D)

master Metadata server. In SAN File System, the Metadata server in a cluster that is responsible for physical-space allocation.

metadata. Data that describes the characteristics of stored data; descriptive data.

Metadata server. In SAN File System, a server that offloads the metadata processing from the data-storage environment to improve SAN performance. An instance

of the SAN File System runs on each engine, and together the Metadata servers form a cluster. See also *cluster*.

method. A way to implement a function on a class.

MOF. See *managed object format*.

Not running. A status condition where one or more servers in the cluster are not added and therefore the cluster cannot perform any functions.

object name. An object that consists of a CIM namespace path and a model path. The namespace path provides access to the CIM implementation managed by the CIM agent, and the model path provides navigation within the implementation.

Offline. A status condition during which clients are not being serviced and the cluster is responding only to administrative requests.

Online. A status condition that indicates the normal operational state for the cluster.

Partly Quiesced. A state in which the cluster or server is in a "quiet" client communications mode to allow other operations to occur.

Partly quiescent. A status condition that allows existing metadata activity and client communication to continue on the cluster, but prohibits new communication.

policy. A list of file-placement rules that define characteristics and placement of files. Several policies can be defined within the configuration, but only one policy is active at one time. See also *file-placement rule* and *service-class rule*.

pool. See *storage pool*.

property. An attribute that is used to characterize instances of a class.

qualifier. A value that provides additional information about a class, association, indication, method, method parameter, instance, property, or reference.

quota. A limit on the amount of disk space a user can use.

rule. The lines within a policy that specify which actions will occur when certain conditions are met. Conditions include attributes about an object (file name, type or extension, dates, owner, and groups) and the fileset name associated with the object.

SAN File System console. A Web user interface used to monitor and control the SAN File System remotely by using any standard Web browser.

schema. A group of object classes defined for and applicable to a single namespace. Within the CIM

agent, the supported schemas are loaded through the managed object format (MOF) compiler.

security log. A log that maintains a history of Administrative server login activity.

service location protocol. A directory service that the CIM client application calls to locate the CIMOM.

Shutdown. A status condition that describes when the cluster is shut down as intended.

SLP. See *service location protocol*.

Starting. A status condition when a Metadata server is starting as designed but is not ready to accept connections from clients.

storage pool. A named set of storage volumes that is the destination for storing client data.

symbolic link. A type of file that contains the path name of and acts as a pointer to another file or directory.

system storage pool. A storage pool that contains the system metadata (system and file attributes, configuration information, and Metadata server state) that is accessible to all Metadata servers in the cluster. There is only one system storage pool. See also *Metadata server*.

user storage pool. An optional storage pool that contains blocks of data that compose the files that are created by SAN File System clients. See also *storage pool* and *default user storage pool*.

volume. A labeled logical unit, which can be a physical device or a logical device. For SAN File System, there is a one to one relationship between volumes and LUNs. See also *logical unit number*.

UTC. See *coordinated universal time*

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(based on IBM Storage Tank™ technology)
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Version 1 Release 1

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